DOCUMENT TITLE
Conflict Minerals Reporting Template
SHEET

REVISION HISTORY

A change in the first digit of the revision number (e.g., 1.0 to 2.0) signifies a set of major improvements have occurred which will likely include different data reporting requirements. Changes to the first or second decimal place (e.g., "2.01" to "2.02") indicate only minor changes have been made to the template which are not expected to result in substantial changes to the data being reported. The addition of a letter (e.g., "a", or "b", or "c") following the revision number indicate that only the standard smelter list has been updated from the prior version.

REVISION	ORIGINATOR	RELEASE DATE	DESCRIPTION OF FUNCTIONAL CHANGE	UPDATES TO SMELTER LIST
1	Jared Connors, Intel	July 19th, 2011	New Release	
2	Jared Connors, Intel	Aug 29th, 2012	Major update to functionality including: addition of the known smelter list, addition of declaration scope including product tab, and added and modified multiple questions and / or their responses.	New.
2.01	Jared Connors, Intel	Dec 21st, 2012	List of changes to the template functionality: 1. Modified Smelter List tab to prevent smelter rows from wrapping text. This was being caused by the hidden formula in column A which allows for a software vendor to easily grab the smelter IDs. 2. Changed protection settings on the Smelter List tab to allow users to delete rows. This allows users to delete rows with incorrect entries within the smelter tab. Ensured that columns could not be mistakenly deleted in the process.	1. Added "CV DS Jaya Abadi" an alias to "PT Stanindo Inti Perkasa" 2. Added "Mentok" as an alias to "PT Tambang Timah" 3. Corrected spelling of "Duoluoshan" id # 3CHN001 4. Corrected spelling of "Mitsubishi Materials Corporation" id # 1JPN039 5. Changed "Gejiu Non-ferrous" to its proper name "Geiju Non-Ferrous Metal Processing Co. Ltd." 6. Changed "Mitsubishi Material" to its proper name "Mitsubishi Materials Corporation" 7. Changed "Niotan" to "Kemet Blue Powder" 8. Added "Nihon Material Co. LTD" as a gold refiner 11. Added "Kojima Chemical" as a gold refiner 12. Added "Sabin" as a gold refiner 13. Added "United Precious Metal Refining Inc." as a gold refiner 14. Added "Yokohama Metal Co Ltd" as a gold refiner 15. Added "CNMC (Guangxi) PGMA Co., Ltd." as a tin refiner 16. Added "Conghua Tantalum and Niobium Smeltry" as a tantalum refiner 17. Removed "Tantalite Resources" as a refinery 18. Added "Minmetals Ganzhou Tin Co. Ltd." as a tin refinery 19. Updated "ATI Metalworking Products" to its proper full name "ATI Tungsten Materials" 20. Updated "China Minmetals Corp." to its proper full name "China Minmetals Nonferrous 21. Removed "Ganzhou Huaxing Tungsten" as a smelter 22. Removed "Ganzhou Nonferrous Metals Smelting Co Ltd." as a smelter 23. Removed "Sichuan Metals & Materials Imp & Exp Co as a tungsten smelter 24. Added "Ganzhou Grand Sea W & Mo Group Co., Ltd." as a tungsten smelter 25. Added "Hunan Chenzhou Mining Group Co" as a tungsten smelter 26. Added "Japan New Metals Co Ltd" as a tungsten smelter
2.02	Jared Connors, Intel	March 29th, 2013	1. Added new selection to the metals dropdown lists of smelter list tab "Smelter not yet identified" 2. Moved "smelter not listed" to the bottom of each metals dropdown list 3. Fixed error in Checker sheet to eliminate display of text "one or more smelters have been added to smelter list" when rows are deleted 4. Rewrite of T&Cs 5. Adding Italian translation 6. Allow for deletion of rows in Smelter List tab 7. Removed hover over text in column C of Smelter List tab 8. Inserted additional rows for data entry on the Smelter List tab up to 2,500 rows 9. Made smelter ID numbers visible in Smelter List tab 11. Removed language selection from individual tabs, all controlled on Declaration tab 12. Updated template to prevent users from adding tabs to the worksheet 13. Added statement at the top of the revision history tab clarifying purpose of .0x revision updates	1. Added the following aliases to Ohio Precious Metals "OPM Metals", "USPM", "United States Precious Metals" 2. Added "ALMT" as tungsten smelter 3. Added "Suzhou Xingrui Noble" as gold smelter 4. Added "Shangdong Zhaojin Group" as an alias of "Shandong Zhaojin Gold & Silver Refinery Co., Ltd" 5. Added "Shandong Zhaoyuan Gold Argentine refining company limited" as an alias of "Zhongyuan Gold Smelter of Zhongjin Gold Corporation" 6. Added "SEMPSA" as an alias for "SEMPSA Joyeria Plateria SA" 7. Added "Umicore Brazil Ltd" as an alias for "Umicore Brasil Ltda" 8. Added "Pan Pacific Copper Co., LTD." as a gold smelter 9. Added "White Solder Metalurgia" as a tin smelter 11. Corrected spelling of "jiujiang Tanbre" to "JiuJiang Tambre Co. Ltd." 12. Added Torecom as a gold smelter 15. Added "PT Tinindo Internusa" as alias of "PT Tinindo Inter Nusa" 16. Added "CV Jus Tindo" as alias of "CV JusTindo" 17. Added "PT Bellitin Makmur Lestari" and "BML" as alias of "PT BilliTin Makmur Lestari" 18. Added "Liuzhou China Tin Group Co., Ltd." as alias of "Liuzhou China Tin" 19. Added "PT Timah (Persero) TBK" and "Banka Tin" as alias of "PT Tambang Timah" 21. Added "GEJIU ZILI MINING&SMELTING CO.,LTD." as alias of "Gejiu Zi-Li" 22. Added "Jiangxi Tungsten Co Ltd" as alias of "Jiangxi Tungsten Industry Group Co Ltd" 23. Added "Linwu Xianggui" as a tin smelter 24. Added "IMLI" and "Indra Eramulti Logam" as aliases of "PT Bukit Timah" 25. Added "CV Gita Pesona" as tin smelter 26. Added "PT Tommy Utama" as tin smelter 27. Added "PT Bangka Tin Industry" as tin smelter 28. Added "PT DS Jaya Abadi" as tin smelter 29. Added "PT Panca Mega" as tin smelter 31. Added "PT Karimun Mining" as tin smelter 32. Added "Cooper Santa" as tin smelter 33. Added "Daejin Indus Co. Ltd" as gold smelter 34. Added "DaeryongENC" as gold smelter 35. Added "Do Sung Corporation" as gold smelter 36. Added "Hwasung CJ Co. Ltd" as gold smelter 37. Added "Korea Metal" as gold smelter

2.03	Akimasa Yamakawa, JEITA / John Plyler, BlackBerry	July 12th, 2013	1. Resolved Excel 2003 incompatibility with programming for multiple languages. 2. Minor corrections to row number references in the instructions. 3. Added translation on checker sheet for the Column Name “Hyperlink to Source” 4. Corrected Japanese translation of "authorized representative" and "representative" on Declaration worksheet. 5. Adjusted row spacing of misc cells to allow for different lengths of translated text and comments. 6. Removed the symbols for the metals on the standard smelter list (e.g., "Sn"). 7. Deleted text "If no for all metals, you are done with this survey." from question 1 on the Declaration worksheet.	1. Added “Fujian Jinxin Tungsten Co., Ltd.” as tungsten refiner 2. Added “Dayu Weiliang Tungsten Co., Ltd.” as tungsten refiner 3. Added “Xinhai Rendan Shaoguan Tungsten Co., Ltd.” as tungsten refiner 4. Added “Hunan Chun-Chang Nonferrous Smelting & Concentrating Co., Ltd.” as tungsten refiner 5. Added “Jiangxi Minmetals Gao'an Non-ferrous Metals Co., Ltd.” as tungsten refiner 6. Corrected the spelling of "Allydne" to "Alldyne" 7. Corrected the spelling of "Allydne Powder Technologies" to "Alldyne Powder Technologies" 8. Corrected the spelling of "Korea Metal" to "Korea Metal Co. Ltd" 11. Added "Taki Chemicals" as tantalum smelter 12. Added "Tantalite Resources" as tantalum smelter 13. Corrected naming inconsistency of “Ohio Precious Metals LLC.” on standard smelter list and alias table. 14. Corrected naming inconsistency of “The Refinery of Shandong Gold Mining Co., Ltd” on standard smelter list and alias table. 15. Added "Molycorp Silmet" as tantalum smelter 16. Added "King-Tan Tantalum Industry Ltd" as tantalum smelter 17. Added "CooperMetal" as an alias of "Coopersanta" 18. Corrected the spelling of "Malaysia Smelting Corp" to "Malaysia Smelting Corporation (MSC)" 21. Added "Fenix Metals" as tin smelter 22. Changed alias “Bangka Tin” from “PT Tambang Timah” to “PT Timah” 23. Added “Ketapang” as an alias of “PT Bangka Putra Karya” 24. Corrected the Smelter ID of Cooper Santa from “2IDN063” to “2BRA063” 25. Added "Kundur" as an alias of “PT Tambang Timah” 26. Added “TT” as an alias of “PT Tambang Timah” 27. Added "CooperMetal" as an alias of "Coopersanta"
2.03a	John Plyler, BlackBerry	July 25th, 2013	No functional change.	1. Corrected the spelling of "ALMT" to "A.L.M.T. Corp." 2. Added "A.L.M.T. Tungsten Corp", "Allied Material Corp", and "ALMT" as aliases of "A.L.M.T. Corp." 3. Corrected country of "A.L.M.T. Corp." to "Japan" and smelter ID to "4JPN020" 4. Changed alias "Wolfram" for "Wolfram Company CJSC" to "Wolfram [Russia]" 5. Added "Wolfram [Austria]" as an alias of "Wolfram Bergbau und Hütten AG" 6. Added "Kennametal Inc." as a tungsten refiner
3.00	Akimasa Yamakawa, JEITA, and John Plyler, BlackBerry, under the direction of the CFSI Due Diligence Workgroup	April 9th, 2014	Major update to synchronize the CFSI CMRT with the data fields in the newly published IPC-1755 Standard. Changes include: 1. Addition of new company information fields. 2. Two additional due diligence questions and removal of one. 3. Minor changes to question text throughout. 4. Expansion of instructions and definitions. 5. Updated translations of all modified text.	Added the following gold refiners: 1. Bauer Walser AG 2. C. Hafner GmbH + Co. KG 3. China National Gold Group Corporation 4. Colt Refining 5. Daye Non-Ferrous Metals Mining Ltd. 6. Doduco 7. Eco-System Recycling Co., Ltd. 8. Gansu Seemine Material Hi-Tech Co Ltd 9. Guangdong Jinding Gold Limited 11. Hunan Chenzhou Mining Industry Group 12. Kennecott Utah Copper LLC 13. Lingbao Jinyuan Tonghui Refinery Co. Ltd. 14. Luoyang Zijin Yinhui Metal Smelt Co Ltd 15. Metalor Technologies (Singapore) Pte. Ltd. 16. Ohura Precious Metal Industry Co., Ltd 17. Penglai Penggang Gold Industry Co Ltd 18. So Accurate Group, Inc. 19. Tongling nonferrous Metals Group Co.,Ltd 21. YAMAMOTO PRECIOUS METAL CO., LTD. 22. Yunnan Copper Industry Co Ltd Added the following tantalum smelters: 1. Changsha South Tantalum Niobium Co Ltd 2. Guangdong Zhiyuan New Material Co., Ltd. 3. Hengyang King Xing Lifeng New Materials Co., LTD 4. Metallurgical Products India (Pvt.) Ltd. 5. Mineração Taboca S.A. 6. Shanghai Jiangxi Metals Co. Ltd Added the following tin smelters: 1. China Rare Metal Materials Company 2. Estanho de Rondônia S.A. 3. Magnu's Minerais Metais e Ligas LTDA 4. O.M. Manufacturing (Thailand) Co., Ltd. 5. Rui Da Hung Added the following tungsten refiners: 1. Ganzhou Jiangwu Ferrotungsten Co., Ltd. 2. Jiangxi Gan Bei Tungsten Co., Ltd. 3. Jiangxi Richsea New Materials Co., Ltd. 4. Jiangxi Tonggu Non-ferrous Metallurgical & Chemical Co., Ltd. 5. Jiangxi Xinsheng Tungsten Industry Co., Ltd. 6. Jiangxi Yaosheng Tungsten Co., Ltd. 7. Malipo Haiyu Tungsten Co., Ltd. Removed the following as gold refiners: 1. Central Bank of the DPR of Korea 2.Codelco 3. Suzhou Xingrui Noble Removed "Gannon & Scott" as a tantalum smelter

				Removed the following as tin smelters: 1. CV Duta Putra Bangka 2. CV Gita Pesona 3. CV JusTindo 4. CV Makmur Jaya 5. CV Nurjanah 6. Gold Bell Group 7. PT Alam Lestari Kencana 8. PT Babel Surya Alam Lestari 9. PT Bangka Kudai Tin 11. PT BilliTin Makmur Lestari 12. PT Fang Di MulTindo 13. PT HP Metals Indonesia 14. PT Koba Tin 15. PT Panca Mega 16. PT Seirama Tin investment 17. PT Sumber Jaya Indah 18. PT Timah Nusantara 19. PT Tommy Utama Removed the following as tungsten refiners: 1. China Minmetals Nonferrous Metals Co Ltd 2. Ganzhou Grand Sea W & Mo Group Co Ltd Changed numerous Standard Smelter Names, including: 1. "Pan Pacific Copper Co. LTD" to "JX Nippon Mining & Metals Co., Ltd" 2. "Xstrata Canada Corporation" to "CCR Refinery – Glencore Canada Corporation" 3. "PT Refined Banka Tin" to "PT Refined Bangka Tin" 4. "ATI Tungsten Materials" to "Kennametal Huntsville" 5. "Jiangxi Rare Earth & Rare Metals Tungsten Group Corp" to "Ganzhou Non-ferrous Metals Smelting Co., Ltd." 6. "Kennametal Inc." to "Kennametal Fallon" 7. "Chaozhou Xianglu Tungsten Industry Co Ltd" to "Guangdong Xianglu Tungsten Industry Co., Ltd." Changed numerous "Alias" names of smelters and refiners.
3.01	Akimasa Yamakawa, JEITA, and John Plyler, BlackBerry, under the direction of the CFSI Due Diligence Workgroup	May 30th, 2014	1. Removed the ability to overwrite the “Declaration Scope or Class” field. Users are restricted to only use the drop-down options. 2. Addressed issue with Checker incorrectly showing “Description of Scope” as missing data when a user selects “B. Product (or List of Products)” as the Declaration Scope. 3. Programmed Checker to show missing data when response to question B is "Yes", unless a url is entered the corresponding "Comments" field.	1. Added the tin smelter "Melt Metais e Ligas S/A" 2. Added the tungsten refiner "Vietnam Youngsun Tungsten Industry Co., Ltd" 3. Corrected the name of tin smelter "Liuzhou China Tin" to "China Tin Group Co., Ltd." 4. Corrected the name of tin smelter "PT Timah" to "PT Timah (Persero), Tbk"
3.02	John Plyler, BlackBerry, under the direction of the CFSI Due Diligence Data Collection Workgroup	Nov 7th, 2014	1. Revisions to the German language translation throughout. 2. Correction of the Japanese language translation for Question 4 on the Declaration worksheet.	This version incorporates numerous changes to the smelter list as reflected in the Standard Smelter List as of November 7, 2014. The latest version of the Standard Smelter List is available at: http://www.conflictfreesourcing.org.
4.0	CFSI Due Diligence Data Collection Workgroup	Apr 30th, 2015	Replaced the Standard Smelter Names tab with the Smelter Reference List tab, displaying common alternate names for smelters as well as location information. Major update to synchronize the CFSI CMRT with the data fields in the newly revised IPC-1755 Standard. Changes include: 1. Changes to question text throughout. 2.Expansion of instructions and definitions. 3. Updated translations of all modified text.	This version incorporates numerous changes to the smelter list as reflected in the Standard Smelter List as of April 17, 2015. The latest version of the Standard Smelter List is available at: http://www.conflictfreesourcing.org.
4.01	CFSI Due Diligence Data Collection Workgroup	June 12th, 2015	Minor revisions to correct reported issues including those related to error checking on the "Checker" and “Smelter List” tabs.	This version incorporates a few changes to the smelter list as reflected in the Standard Smelter List as of June 12, 2015. The latest version of the Standard Smelter List is available at: http://www.conflictfreesourcing.org.
4.01a	CFSI Due Diligence Data Collection Workgroup	August 6th, 2015	No functional change. Elemetal CID corrected to read CID001322.	This version incorporates a few changes to the smelter list as reflected in the Standard Smelter List as of August 5, 2015. The latest version of the Standard Smelter List is available at: http://www.conflictfreesourcing.org.
4.01b	CFSI Due Diligence Data Collection Workgroup	November 16th, 2015	No functional change.	This version incorporates a few changes to the smelter list as reflected in the Standard Smelter List as of November 6, 2015. The latest version of the Standard Smelter List is available at: http://www.conflictfreesourcing.org.

4.10	CFSI CMRT Team	May 12, 2017	1. Corrections to all bugs and errors 2. Enhancements which do not conflict with IPC-1755 a. Additions and clarifications in the instructions and definitions b. Smelter List Tab: Re-introduction of “smelter not yet identified” c. Smelter List Tab: Inclusion of drop down menu for smelter ID that triggers auto-population of columns B to J 3. Translation improvements and addition of Turkish language 4. Updates to the Smelter Reference List and Standard Smelter List a. Updated lists and corrections b. ASCII character set alignment	This version incorporates a few changes to the smelter list as reflected in the Standard Smelter List as of March 23, 2016. The latest version of the Standard Smelter List is available at: http://www.conflictfreesourcing.org.
4.20	CFSI CMRT Team	November 30, 2016	1. Corrections to all bugs and errors 2. Enhancements which do not conflict with IPC-1755 a. Additions and clarifications in the instructions and definitions b. Update to ISO short names for countries 3. Translation improvements 4. Updates to the Smelter Reference List and Standard Smelter List	This version incorporates a few changes to the smelter list as reflected in the Standard Smelter List as of October 6, 2016. The latest version of the Standard Smelter List is available at: http://www.conflictfreesourcing.org/conflict-free-smelter-program/exports/cmrt-export/.
5.0	CFSI CMRT Team	May 12, 2017	1. Corrections to all bugs and errors 2. Conformance to IPC-1755 in the wording of the following questions: Q. 1, Q. 2, Q. 5, A, F, I (formerly J); removal of former question G a. Additions and clarifications in the instructions and definitions b. Update to ISO short names for countries 3. Conformance to IPC-1755 use of ASCII character set for Standard Smelter Name in hidden column R on the smelter list 4. Addition of ISO Country Codes and State/Province Codes in hidden columns S and T on the smelter list 5. Renaming of "Smelter Reference List" to "Smelter Look-up" 6. Updates to translations for all modified text 7. Updates to the Smelter Look-up List and Standard Smelter List	This version incorporates a few changes to the smelter list as reflected in the Standard Smelter List as of March 17, 2017. The latest version of the Standard Smelter List is available at: http://www.conflictfreesourcing.org/conflict-free-smelter-program/exports/cmrt-export/.
5.01	CFSI CMRT Team	June 21, 2017	Corrections to checker tab errors	This version incorporates a few changes to the smelter list as reflected in the Standard Smelter List as of March 17, 2017. The latest version of the Standard Smelter List is available at: http://www.conflictfreesourcing.org/conflict-free-smelter-program/exports/cmrt-export/.
5.10	CFSI CMRT Team	December 1, 2017	1. Corrections to all bugs and errors 2. Enhancements which do not conflict with IPC-1755 a. Update to ISO short names for countries, states / provinces 3. Updates to the Smelter Reference List and Standard Smelter List 4. Change to .xlsx format	This version incorporates a few changes to the smelter list as reflected in the Standard Smelter List as of September 29, 2017. The latest version of the Standard Smelter List is available at: http://www.conflictfreesourcing.org/conflict-free-smelter-program/exports/cmrt-export/.
5.11	RMI MRT Team	April 27, 2018	1. Corrections to all bugs and errors 2. Enhancements which do not conflict with IPC-1755 a. Update to ISO short names for countries, states / provinces 3. Updates to the Smelter Reference List and Standard Smelter List	This version incorporates a few changes to the smelter list as reflected in the Standard Smelter List as of March 6, 2018. The latest version of the Standard Smelter List is available at: http://www.responsiblemineralsinitiative.org/responsible-minerals-assurance-process/exports/cmrt-export/.
5.12	RMI MRT Team	April 26, 2019	1. Corrections to all bugs and errors 2. Enhancements which do not conflict with IPC-1755 a. Update to ISO short names for countries, states / provinces 3. Updates to the Smelter Reference List and Standard Smelter List	This version incorporates a few changes to the smelter list as reflected in the Standard Smelter List as of February 27, 2019. The latest version of the Standard Smelter List is available at: http://www.responsiblemineralsinitiative.org/responsible-minerals-assurance-process/exports/cmrt-export/.

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RMI website: (www.responsiblemineralsinitiative.org)
Training and guidance, template, Responsible Minerals Assurance Process conformant smelter list.

Introduction

This Conflict Minerals Reporting Template (Template) is a free, standardized reporting template created by the Responsible Minerals Initiative (RMI). The Template facilitates the transfer of information through the supply chain regarding mineral country of origin and smelters and refiners being utilized and supports compliance to legislation*. The template also facilitates the identification of new smelters and refiners to potentially undergo an audit via the Responsible Minerals Assurance Process**.

The CMRT was designed for downstream companies to disclose information about their supply chains up to but not including the smelter. If you are a 3TG smelter or refiner, in accordance with the RMAP protocols, we recommend you enter your own name in the smelter list tab.

* In 2010, the U.S. Dodd-Frank Wall Street Reform and Consumer Protection Act was passed concerning "conflict minerals" originating from the Democratic Republic of the Congo (DRC) or adjoining countries. The SEC published final rules associated with the disclosure of the source of conflict minerals by U.S. publicly traded companies (see the rules at http://www.sec.gov/rules/final/2012/34-67716.pdf). The rules reference the OECD Due Diligence Guidance for Responsible Supply Chains of Minerals from Conflict-Affected and High-Risk Areas, (http://www.oecd.org/daf/inv/mne/GuidanceEdition2.pdf), which guides suppliers to establish policies, due diligence frameworks and management systems.
** See information on the Responsible Minerals Initiative

Instructions for completing Company Information questions (rows 8 - 22).
Provide comments in ENGLISH only

Note: Entries with (*) are mandatory fields.

1. Insert your company's Legal Name. Please do not use abbreviations. In this field you have the option to add other commercial names, DBAs, etc.

2. Select your company's Declaration Scope. The options for scope are:

A. Company-wide
B. Product (or List of Products)
C. User-Defined

For "Company-wide", the declaration encompasses the entirety of a company's products or product substances produced by the parent company. Therefore if the user is reporting 3TG data at the company level, they will be reporting conflict minerals data on all products they manufacture.

For Scope selection of Product (or List of Products), a link to the worksheet tab for Product List will be displayed. If this scope is chosen, it is mandatory to list the Manufacturer's Product Number of the products covered under the Scope of this Declaration in Column B of the Product List worksheet. It is optional to list the Manufacturer's Product Name in Column C of the Product List worksheet.

For Scope selection of "User Defined", it is mandatory that the user describes the scope to which the 3TG disclosure is applicable. The scope of this class shall be defined in a text field by the supplier and should be easily understood by customers or the receivers of the document. As an example, companies may provide a link to clarifying information.

This field is mandatory.

3. Insert your company's unique identifier number or code (DUNS number, VAT number, customer-specific identifier, etc.)

4. Insert the source for the unique identifier number or code ("DUNS", "VAT", "Customer", etc).

5. Insert your full company address (street, city, state, country, postal code). This field is optional.

6. Insert the name of the person to contact regarding the contents of the declaration information. This field is mandatory.

7. Insert the email address of the contact person. If an email address is not available, state ''not available'' or ''n/a.'' A blank field may cause an error in form

8. Insert the telephone number for the contact. This field is mandatory.

9. Insert the name of the person who is responsible for the contents of the declaration information. The authorizer may be a different individual than the contact person. It is not correct to use the words ''same'' or similar identification to provide the name of

10. Insert the title for the Authorizing person. This field is optional.

11. Insert the email address of the Authorizing person. If an email address is not available, state ''not available'' or ''n/a.'' A blank field may cause an error in form

12. Insert the telephone number for the Authorizing person. This field is mandatory.

13. Please enter the Date of Completion for this form using the format DD-MMM-YYYY. This field is mandatory.

14. As an example, the user may save the file name as: companyname-date.xls (date as YYYY-MM-DD).

Instructions for completing the seven Due Diligence Questions (rows 24 - 65). Provide answers in ENGLISH only

These seven questions define the usage, origination and sourcing identification for each of the metals. The questions are designed to collect information about the use of 3TG in the company's product(s) to allow for the determination of regulatory applicability. Responses to these questions shall represent the 'Declaration Scope' selected in the company information section.The responses to the questions in this

For each of the seven required questions, provide an answer for each metal using the pull down menu selections.The questions in this section must be completed for all 3TG. If the response for a given metal to questions 1 is positive, then the subsequent questions shall be completed for that metal and the following due diligence questions

1. This is the first of two questions for which the response is used to determine whether the 3TG is within the scope of conflict minerals reporting requirements. This question relies upon the guidance provided by the SEC in the final rules regarding the determination if a 3TG is "necessary to the functionality or production" of a product. The SEC guidance is based upon the presumption that a company in the supply chain for a product would not intentionally add a 3TG to that product or any of a product's sub-components if that 3TG was not necessary to the product's generally expected function, use, or purpose. Similarly, the guidance presumes that a 3TG would not be necessary to the production of a product unless it was intentionally included in the production process of that product. The response to this question serves to exclude any trace-level contaminants or naturally-occurring by-products such as tin in steel. This question shall be answered for each 3TG.

This question asks if any conflict minerals are used as raw material, component or additive in a product that you manufacture or contract to manufacture (including raw material and components). Impurities from raw materials, components, additives, abrasives, and cutting tools are outside the scope of the survey.

This question shall be answered for each 3TG. Valid responses to this question are

Some companies may require substantiation for a "No" answer that should be entered into the Comment Field.

2. This question shall be answered for each 3TG for each the answer to question 1 is "yes." This is the second of two questions for which the response is used to determine whether the 3TG is within the scope of conflict minerals reporting requirements as described in the SECs final rules regarding the determination if a 3TG is necessary to the functionality or production of a product. This question is dependent upon the question and response to Question 1. This question is intended to identify 3TGs which are intentionally added or included in the manufacturing process of a product where some amount of the 3TG remains in the finished product. This includes 3TGs which may not have been intended to become part of the final product and may not be necessary to the functionality of the product but are only present as residuals of the manufacturing process. In many cases, the manufacturer may have attempted to remove or facilitate consumption of the 3TG during the manufacturing process, however, some amount of the 3TG remains. Should the 3TG, which is added or included during the manufacturing process, be completely removed such that none of the 3TG remains upon the completion of that process, the response to this question would be no.

3. This is a declaration that any portion of the 3TGs contained in a product or multiple products originates from the DRC or an adjoining country (covered countries). The answer to this question should be "yes" if any smelter in the supply chain sources from the covered countries, even if those smelters are on the RMI compliant smelter and refiner list. For more information, see RMI's due diligence guidance on conflict minerals here: http://www.responsiblemineralsinitiative.org/training-and-resources/publications-and-guidance/.

The answer to this question shall be "yes", "no", or "unknown". Substantiate a "Yes"

4. This is a declaration that identifies whether 3TGs contained in the product(s) necessary to the functionality of that product(s) originate from recycled or scrap sources.

The answer to this question shall be "yes", "no", or "unknown". This question is mandatory for a specific metal if the response to Question 1 and 2 is “Yes” for that metal.

A "Yes" answer means that 100% of the 3TG comes from recycled or scrap sources. A "No" answer means that some of the 3TG does not come from recycled or scrap sources. An "Unknown" answer means that the user does not know whether or not

5. This is a question to determine whether a company has received conflict minerals disclosures from all direct suppliers reasonably believed to be providing 3TGs contained in the products covered by the scope of this declaration. Permissible responses to this question are:

- 100%
- Greater than 90%
- Greater than 75%
- Greater than 50%
- 50% or less
- None

6. This question verifies if the supplier has reason to believe they have identified all of the smelters providing 3TGs in the products covered by this declaration. The answer to this question shall be "Yes" or "No", along with a comment in certain cases, e.g. list of smelters.

7. This question verifies that all of the smelters identified to be providing any of the 3TGs contained in the products covered by the scope of this declaration have been reported in this declaration. The answer to this question shall be "yes" or "no" along with a comment in certain cases, e.g. list of smelters. This question is mandatory for a

Provide comments in the Comment sections as required to clarify your responses.

Instructions for completing Questions A. – I. (rows 69 - 85). Questions A. through I. are mandatory if the both of responses to Question 1 and 2 are "Yes" for any metal. Provide answers in ENGLISH only

The OECD Due Diligence Guidance for Responsible Supply Chains of Minerals from Conflict-affected and High-risk Areas (OECD Guidance) defines "Due Diligence" as "an on-going, proactive and reactive process through which companies can ensure that they respect human rights and do not contribute to conflict". Due diligence should be an integral part of your company's overall conflict free sourcing strategy. Questions A. thru I. are designed to assess your company's conflict-free minerals sourcing due diligence activities. Responses to these questions shall represent the full scope of your company's activities and shall not be limited to the 'Declaration Scope' selected in the company information section.

A. This is a declaration to disclose whether a company has a conflict minerals sourcing policy. The answer to this question shall be "yes" or "no." Comments shall be captured in a question comment field.

B. This is a declaration to disclose whether a company's conflict minerals sourcing policy is available on the company website. The answer to this question shall be "yes" or "no." If "Yes" the user shall specify the URL in a question comment field.

This question is mandatory.

C. This is a question to determine whether a company requires their direct suppliers to be DRC conflict free. The answer to this question shall be "yes" or "no." See Definitions worksheet for definition of "DRC conflict-free". Comments shall be captured in a question comment field.

D. This is a declaration to determine whether a company requires their direct suppliers to source 3TG from validated, conflict free smelters. The answer to this question shall be "yes" or "no." Comments should be captured in a question comment field.

This question is mandatory.

E. Please answer "yes" or "no" to disclose whether your company has implemented conflict minerals sourcing due diligence measures. This declaration is not intended to provide the details of a company's due diligence measures - just that a company has implemented due diligence measures. The aspects of acceptable due diligence measures shall be determined by the requestor and supplier.

Examples of due diligence measures may include: communicating and incorporating into contracts (where possible) your expectations to suppliers on conflict-free mineral supply chain; identifying and assessing risks in the supply chain; designing and implementing a strategy to respond to identified risks; verifying your direct supplier's compliance to its DRC conflict-free policy, etc. These due diligence measure examples are consistent with the guidelines included in the internationally recognized OECD

F. This is a question to disclose whether a company requests their supplier to fill out a conflict minerals declaration. Acceptable answers are listed below, in certain cases further explanation may be required, i.e., to provide the format used for collecting information. If the answer is "Yes," using other format the user shall provide a comment in a question comment field. Permissible responses to this question are:

- Yes, in conformance with IPC-1755 [e.g., CMRT]
- Yes, using other format (describe)
- No

G. Please answer "Yes" or "No". In the comments section, you can provide additional information on your approach. Examples could be:

"3rd party audit" - on-site audits of your suppliers conducted by independent third parties.
"Documentation review only" - a reviewof supplier submitted records and documentation conducted by independent third parties and, or your company personnel.
"Internal audit" - on-site audits of your suppliers conducted by your company

H. This is a question to disclose whether a company's review process includes corrective action management. The answer to this question shall be "yes" or "no." Comments shall be captured in a question comment field.

I. This is a question to disclose whether a company is subject to the SEC rule. The answer to this question shall be "yes" or "no." Comments shall be captured in a question comment field. This question is mandatory. For more information please refer

Note: Columns with (*) are mandatory fields

This template allows for smelter identification using the Smelter Look-up. Columns B, and C must be completed in order from left to right to utilize the Smelter Look-up feature.

1. Smelter Identification Input Column - If you know the Smelter Identification Number, input the number in Column A (columns B, C, E, F, G, I, and J will auto-populate). Column A does not autopopulate.

2. Metal (*) - Use the pull down menu to select the metal for which you are entering smelter information. This field is mandatory.

3. Smelter Look-up (*) - Select from dropdown. This is the list of known smelters as of template release date. If smelter is not listed select 'Smelter Not Listed'. This will allow you to enter the name of the smelter in Column D. If you do not know the name or location of the smelter, select 'Smelter Not Yet Identified.' For this option, columns

4. Smelter Name (1)- Fill in smelter name if you selected "Smelter Not Listed" in column C. This field will auto-populate when a smelter name in selected in Column C.

5. Smelter Country (*) – This field will auto-populate when a smelter name is selected in column C. If you selected "Smelter Not Listed" in column C, use the pull down menu to select the country location of the smelter. This field is mandatory.

6. Smelter Identification - This is a unique identifier assigned to a smelter or refiner according to an established smelter and refinery identification system. It is expected that multiple names or aliases could be used to describe a single smelter or refiner and therefore multiple names or aliases could be associated to a single 'Smelter ID'.

7. Source of Smelter Identification Number - This is the source of the Smelter Identification Number entered in Column F. If a smelter name was selected in Column C using the dropdown box, this field will auto-populate.

8. Smelter Street - Provide the street name on which the smelter is located. This field is optional.

9. Smelter City – Provide the city name of where the smelter is located. This field is optional.

10.. Smelter Location: State/Province, if applicable – Provide the state or province where the smelter is located. This field is optional.

11. Smelter Contact Name – The Conflict Minerals Reporting Template (CMRT) is circulated among companies in the requesting company's supply chain to ensure compliance with the OECD Due Diligence Guidance for Responsible Supply Chains of Minerals from Conflict-Affected and High-Risk Areas and the U.S. Securities and Exchange Commission Final Rule on conflict minerals.

If the template is circulated in a country where laws protecting personal information exist, sharing personal contact information in the CMRT may violate related regulations. Therefore, it is recommended that the requesting company take precautions such as obtaining the contact person's permission to share the information with other companies in the supply chain when completing "Smelter Contact Name" and the "Smelter Contact Email" columns.

If you have permission to share this information, please fill in the name of the Smelter

12. Smelter Contact Email – Fill in the email address of the Smelter Facility contact person who was identified as the Smelter Contact Name. Example: John.Smith@SmelterXXX.com. Please review the instructions for Smelter Contact

13. Name of Mine(s) - This field allows a company to define the actual mines being used by the smelter. Please enter the actual mine names if known. If 100% of the smelter's feedstock originates from recycled or scrap sources, enter "Recycled" or "Scrap" in place of the name of the mine and answer "Yes" in Column P.

14. Location (Country) of Mine(s) - This is a free form text field that allows a company to define the location of the mines being used by the smelter. Please enter the country of the mine(s). If the country of origin is not known, enter "Unknown". If 100% of the smelter's feedstock originates from recycled or scrap sources, enter "Recycled" or "Scrap" in place of the country of origin. This field is optional.

15. Indicates whether the smelter solely obtains inputs for its smelting process(es) from recycled or scrap sources. This question is optional. Permissible responses to this question are:

- Yes
- No

16. Comments – free form text field to enter any comments concerning the smelter. Example: smelter is being acquired by Company YYY

The Checker worksheet is used to verify if all the required information in the Template has been completed. It is updated real-time and can be reviewed at any time while using the Template. It is used to verify completion.

To use this sheet, verify if all required fields have been completed (completed fields will be highlighted in green). If not, look for the red field(s) and review the "Notes" in Column C for required actions. You may use the URL in Column D to directly access the field for completion.

The Responsible Minerals Assurance Process ("Process") Conformant Smelter List (the "List") and Process templates and tools, including, without limitation, the Conflict Minerals Reporting Template (collectively "Tools"), including, without limitation, all information provided therein, are provided for informational purposes only and are current as of the date set forth therein. Any inaccuracy or omission in the List or any Tool is not the responsibility of the Responsible Business Alliance, a Delaware non-stock corporation ("RBA"). Determination of whether and/or how to use all or any portion of the List or any Tool is to be made in the User's sole and absolute discretion. Prior to using the List or any Tool, you should review it with your own legal counsel. No part of the List or any Tool constitutes legal advice. Use of the List or any Tool is voluntary.

To the fullest extent permitted by applicable laws, RBA renounces any liability for any losses, expenses or damages of any nature, including, without limitation, special, incidental, punitive, direct, indirect or consequential damages or lost income or profits, resulting from or arising out of the User's use of the List or any Tool, whether

In consideration for access and use of the List and/or any Tool, THE USER hereby agrees to and does (a) release and forever discharge RBA, as well as their respective officers, directors, agents, employees, volunteers, representatives, contractors, successors, and assigns, from any and all claims, actions, losses, suits, damages, judgments, levies, and executions, which the User has ever had, has, or ever can, shall, or may have or claim to have against RBA, as well as their respective officers, directors, agents, employees, volunteers, representatives, contractors, successors, and assigns, resulting from or arising out of the List or any Tool or use thereof, and agrees to (b) indemnify, defend and hold harmless RBA, as well as their respective officers, directors, agents, employees, volunteers, representatives, contractors, successors, and assigns, from any and all claims, actions, losses, suits, damages,

If any part of any provision of these Terms and Conditions shall be invalid or unenforceable under applicable law, said part shall be deemed ineffective to the extent of such invalidity or unenforceability only, without in any way affecting the remaining parts of said provision or the remaining provisions of these Terms and Conditions.

By accessing and using the List or any Tool, and in consideration thereof, the User agrees to the foregoing.

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Return to declaration tab

ITEM	DEFINITION
3TG	Tantalum, tin, tungsten, gold
Authorizer	This field identifies the person responsible for the content of the declaration. The authoriz be a different individual from the contact person. It is not correct to use the words ‘‘same’ similar identification to provide the name of the authorizer.
Conflict Mineral	As defined in 2010 United States legislation, Dodd-Frank Wall Street Reform and Consum Protection Act, Section 1502(e)(4): CONFLICT MINERAL.—The term ‘‘conflict mineral’’ means— (A) columbite-tantalite (coltan), cassiterite, gold, wolframite, or their derivatives; or (B) any other mineral or its derivatives determined by the Secretary of State to be financi conflict in the Democratic Republic of the Congo or an adjoining country. (available at http://www.sec.gov/about/laws/wallstreetreform-cpa.pdf)
Covered Country(ies)	Covered Country(ies) as defined by the United States Dodd-Frank Wall Street Reform and Consumer Protection Act of 2010. These countries include the Democratic Republic of the and the nine countries with which it shares an internationally recognized border: Angola, Central African Republic, Republic of the Congo, Rwanda, South Sudan, Tanzania, Uganda,
Declaration Scope or Class	For the purposes of this template, “scope” describes the applicability of the information p by the reporting company. The scope may encompass the entirety of a company’s service products, or at a company’s discretion, the template may be used to report on a specific p (or products), or, be ‘User defined’. The ‘User defined’ scope selection or class may be us describe any subset of a company’s operation or product portfolio.
Dodd-Frank	2010 United States legislation, Dodd-Frank Wall Street Reform and Consumer Protection A Section 1502 (“Dodd-Frank”) (http://www.sec.gov/about/laws/wallstreetreform-cpa.pd
DRC	Democratic Republic of Congo
DRC conflict-free	Products that do not contain minerals that directly or indirectly finance or benefit armed g the Democratic Republic of the Congo or an adjoining country. Source: 2010 United State legislation, Dodd-Frank Wall Street Reform and Consumer Protection Act, Section 1502 (http://www.sec.gov/about/laws/wallstreetreform-cpa.pdf)
Gold (Au) refiner (smelter)	A gold refiner is a metallurgical operation that produces fine gold with a concentration of or higher from gold and gold-bearing materials with lower concentrations. Refer to the R audit protocol for this metal for a complete description: http://www.responsiblemineralsinitiative.org/smelter-introduction/.
Independent Third-Party Audit Firm	With respect to smelter audits, an “Independent Third-Party Audit Firm” is a private secto organization competent in evaluating the smelter or refiner’s materials traceability agains standards of the RMAP or equivalent audit protocols. To maintain neutrality and impartial organization and its audit team members must have no conflicts of interest with the audit

Intentionally added	Intentionally added is commonly known as the deliberate use of a substance, or in this cas metal, in the formulation of a product where continued presence is desired to provide a sp characteristic, appearance or quality. While the SEC does not define the phrase "intentionally added" in the final rule*, the rule's preamble states: "[W]e agree that being intentionally added, rather than being a naturally-occurring by-pro a significant factor in determining whether a conflict mineral is ''necessary to the function production'' of a product. This is true regardless of who intentionally added the conflict mi the product so long as it is contained in the product. [D]etermining whether a conflict min considered ''necessary'' to a product should not depend on whether the conflict mineral is directly to the product by the issuer or whether it is added to a component of the product issuer receives from a third party. Instead, the issuer should 'report on the totality of the and work with suppliers to comply with the requirements.' Therefore, in determining whet conflict mineral is ''necessary'' to a product, an issuer must consider any conflict mineral contained in its product, even if that conflict mineral is only in the product because it was as part of a component of the product that was manufactured originally by a third party." *(56296 Federal Register / Vol. 77, No. 177 / Wednesday, September 12, 2012 / Rules an Regulations)
IPC	IPC (www.IPC.org) is a global industry association based in Bannockburn, Ill., dedicated t competitive excellence and financial success of its 3,400 member companies which repres facets of the electronics industry, including design, printed board manufacturing, electroni assembly and test. As a member-driven organization and leading source for industry stand training, market research and public policy advocacy, IPC supports programs to meet the an estimated $2.0 trillion global electronics industry. IPC maintains additional offices in Ta N.M.; Washington, D.C.; Stockholm, Sweden; Moscow, Russia; Bangalore, India; Bangkok, Thailand; and Shanghai, Shenzhen, Chengdu, Suzhou and Beijing, China.
IPC-1755 Conflict Minerals Data Exchange Standard	This IPC standard establishes the requirements for exchanging conflict minerals data betw suppliers and their customers. To meet the needs of a broad range of users, this standard provides flexibility in the scope of the products covered within a single declaration. This st is not a compliance guide.
Necessary for the Functionality of a Product	The SEC does not provide a formal definition of this phrase in the final rule*, however it pr some guidance: A conflict mineral will be considered to be necessary to its functionality of product if it meets the following: 1) is intentionally added to the product or any componen product and is not a naturally-occurring byproduct; 2) is necessary to the product's genera expected function, use or purpose; and 3) is incorporated for the purpose of ornamentatio decoration, or embellishment, whether the primary purpose of the product is ornamentati decoration. NOTE: The conflict mineral must be contained in the product to be applicable. *(56296 Federal Register / Vol. 77, No. 177 / Wednesday, September 12, 2012 / Rules an Regulations)
Necessary for the Production of a Product	The SEC does not provide a formal definition of this phrase in the final rule*; however, it p some guidance: A conflict mineral will be considered to be necessary to the production of product when: 1) it is intentionally included in the product's production process, other tha included in a tool, machine, or equipment used to produce the product (such as computers power lines); 2) it is included in the product (MUST be contained in the product to be appli and 3) it is necessary to the product. *(56296 Federal Register / Vol. 77, No. 177 / Wednesday, September 12, 2012 / Rules an Regulations)
OECD	Organisation for Economic Co-operation and Development
Product	A company's Product or Finished good is a material or item which has completed the final manufacturing and/or processing and is available for distribution or sale to customers.
RBA	Responsible Business Alliance (www.responsiblebusiness.org)

Recycled or Scrap Sources	Recycled or scrap sources are recycled metals, that are reclaimed end-user or post-consur products, or scrap processed metals created during product manufacturing. Recycled meta includes excess, obsolete, defective, and scrap metal materials that contain refined or pro metals that are appropriate to recycle in the production of tin, tantalum, tungsten and/or Minerals partially processed, unprocessed or byproducts from other ores are not included definition of recycled metal.
Responsible Minerals Assurance Process (RMAP)	The Responsible Minerals Assurance Process (RMAP) is a process developed by the RBA to enhance company capability to verify the responsible sourcing of metals. Further details o RMAP can be found here: http://www.responsiblemineralsinitiative.org/responsible-mine assurance-process/.
Responsible Minerals Initiative	Founded in 2008 by members of the Responsible Business Alliance, the Responsible Miner Initiative has grown into one of the most utilized and respected resources for companies addressing conflict minerals issues in their supply chains. Over 360 companies from ten di industries participate in the CFSI today, contributing to a range of tools and resources incl the Responsible Minerals Assurance Process, the Conflict Minerals Reporting Template, Reasonable Country of Origin Inquiry data and a range of guidance documents on conflict minerals sourcing. The RMI also runs regular workshops on conflict minerals issues and contributes to policy development and debates with leading civil society organizations anc governments. Additional information is available at http://www.responsiblemineralsinitiative.org.
RMAP Conformant Smelter List	The Responsible Minerals Assurance Process (RMAP) Conformant Smelter List is a publish smelters and refiners that have undergone assessment through the RMAP, a program of th Responsible Minerals Initiative (RMI) or industry equivalent program (such as Responsibl Jewellery Council or London Bullion Market Association) and have been validated to be in conformance with the protocols. If a smelter or refiner is not on the list, it has either not completed a RMAP assessment or is not in conformance with the RMAP protocol. A list of smelters and refiners which have been validated to be conformant to the RMAP ca found at www.responsiblemineralsinitiative.org.
SEC	U.S. Securities and Exchange Commission (www.sec.gov)
Smelter	A smelter or refiner is a company that procures and processes mineral ore, slag and/or ma from recycled or scrap sources into refined metal or metal containing intermediate produc output can be pure (99.5% or greater) metals, powders, ingots, bars, grains, oxides or sal terms “smelter” and “refiner” are used interchangeably throughout various publications.
Smelter Identification Number	A unique identification number the RMI assigns to companies that have been reported by members of the supply chain as smelters or refiners, whether or not they have been verifi meet the characteristics of smelters or refiners as defined in the RMAP audit protocols.
Tantalum (Ta) smelter	A tantalum smelter (also known as a processor) is defined as a company that converts Ta-containing ores, concentrates, slags or secondary materials into tantalum intermediate pr or other tantalum containing products for direct sales or further processing into Ta-contai products, such as Ta powders, Ta components, Ta oxides, alloys, wires, sintered bars, etc. to the RMAP audit protocol for this metal for a complete description at: http://www.responsiblemineralsinitiative.org/smelter-introduction/.
Tin (Sn) smelter	Primary [tin] smelters are companies with one or more facilities treating tin containing or concentrates in order to produce tin metal. Secondary [tin] smelters are companies with more facilities that treat secondary materials by reduction for the production of crude or h grade tin or tin product such as solder. A smelter as referred to within this audit protocol operate as either one or both types of business operation. Refer to the RMAP audit protoc this metal for a complete description: http://www.responsiblemineralsinitiative.org/smel introduction/.

Tungsten (W) smelter	**A company with one or more facilities that converts W-containing ores (such as wolframit scheelite), W concentrates, or W-bearing scrap (secondary material) into tungsten contai intermediates such as Ammonium Para-Tungstate (APT), Ammonium Meta-Tungstate (AM ferrotungsten, and tungsten oxides for direct sales or further processed into W-containing products (such as W powder or W-carbide powder). Refer to the RMAP audit protocol for t metal for a complete description: http://www.responsiblemineralsinitiative.org/smelter-introduction/.**

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Conflict Minerals Reporting Template (CMRT)

Select Language Preference Here: 请选择你的语言: 사용할 언어를 선택하시오 : 表示言語をここから選択してください: Sélectionner la langue préférée ici: Selecione Preferência de idioma Aqui: Wählen sie hier die Sprache: Seleccione el lenguaje de preferencia aqui: Selezionare la lingua di preferenza qui: Burada Dil Tercihini Belirleyin:	English

Revision 5.12
April 26, 2019

The purpose of this document is to collect sourcing information on tin, tantalum, tungsten and gold used in products

Link to Terms & Conditions

Mandatory fields are noted with an asterisk (*). Consult the instructions tab for guidance on how to answer each question.

Company Information

Company Name (*):	PBM, Inc.
Declaration Scope or Class (*):	C. User defined [Specify in 'Description of scope']
Description of Scope: (*)	Ball Valves
Company Unique ID:	
Company Unique ID Authority:	
Address:	
Contact Name (*):	Tim Hahn
Email – Contact (*):	Thahn@pbmvalve.com
Phone – Contact (*):	724-863-0550
Authorizer (*):	Tim Hahn
Title - Authorizer:	
Email - Authorizer (*):	Thahn@pbmvalve.com
Phone - Authorizer (*):	724-863-0550
Effective Date (*):	1-Apr-2020

Answer the following questions 1 - 7 based on the declaration scope indicated above

1) Is any 3TG intentionally added or used in the product(s) or in the production process? (*)	Answer	Comments
Tantalum (*)	Yes	As per ASTM, ASME or other international specification
Tin (*)	Yes	As per ASTM, ASME or other international specification
Gold	No	
Tungsten (*)	Yes	As per As per ASTM, ASME or other international specification

2) Does any 3TG remain in the product(s)? (*)	Answer	Comments
Tantalum (*)	Yes	Required to comply with specifications
Tin (*)	Yes	Required to comply with specifications
Gold		
Tungsten (*)	Yes	Required to comply with specifications

3) Do any of the smelters in your supply chain source the 3TG from the covered countries? (SEC term, see definitions tab) (*)	Answer	Comments
Tantalum (*)	No	
Tin (*)	No	
Gold		
Tungsten (*)	No	

4) Does 100 percent of the 3TG (necessary to the functionality or production of your products) originate from recycled or scrap sources? (*)	Answer	Comments
Tantalum (*)	Unknown	
Tin (*)	Unknown	
Gold		
Tungsten (*)	Unknown	

5) What percentage of relevant suppliers have provided a response to your supply chain survey? (*)	Answer	Comments
Tantalum (*)	100%	
Tin (*)	100%	
Gold		
Tungsten (*)	100%	

Conflict Minerals Reporting Template (CMRT)

Select Language Preference Here:
请选择你的语言:
사용할 언어를 선택하시오 :
表示言語をここから選択してください:
Sélectionner la langue préférée ici:
Selecione Preferência de idioma Aqui:
Wählen sie hier die Sprache:
Seleccione el lenguaje de preferencia aqui:
Selezionare la lingua di preferenza qui:
Burada Dil Tercihini Belirleyin:

English

Revision 5.12
April 26, 2019

The purpose of this document is to collect sourcing information on tin, tantalum, tungsten and gold used in products

Link to Terms & Conditions

Mandatory fields are noted with an asterisk (*). Consult the instructions tab for guidance on how to answer each question.

6) Have you identified all of the smelters supplying the 3TG to your supply chain? (*)

	Answer	Comments
Tantalum (*)	Yes	
Tin (*)	Yes	
Gold	No	
Tungsten (*)	Yes	

Conflict Minerals Reporting Template (CMRT)

Select Language Preference Here:
请选择你的语言:
사용할 언어를 선택하시오 :
表示言語をここから選択してください:
Sélectionner la langue préférée ici:
Selecione Preferência de idioma Aqui:
Wählen sie hier die Sprache:
Seleccione el lenguaje de preferencia aqui:
Selezionare la lingua di preferenza qui:
Burada Dil Tercihini Belirleyin:

English

Revision 5.12
April 26, 2019

The purpose of this document is to collect sourcing information on tin, tantalum, tungsten and gold used in products

Link to Terms & Conditions

Mandatory fields are noted with an asterisk (*). Consult the instructions tab for guidance on how to answer each question.

7) Has all applicable smelter information received by your company been reported in this declaration? (*)	Answer	Comments
Tantalum (*)	Yes	
Tin (*)	Yes	
Gold	Yes	
Tungsten (*)	Yes	

Answer the Following Questions at a Company Level

Question	Answer	Comments
A. Have you established a conflict minerals sourcing policy? (*)	Yes	We flow down all requirements to our sub-tier suppliers
B. Is your conflict minerals sourcing policy publicly available on your website? (Note – If yes, the user shall specify the URL in the comment field.) (*)	Yes	http://www.pbmvalve.com/sites/default/files/pdf/Conflict Minerals Statement pbm 16 pdf
C. Do you require your direct suppliers to be DRC conflict-free? (*)	Yes	ISO 9001:2015 supplier Program and EU PED Directive 2014/68/EU registered quality management program
D. Do you require your direct suppliers to source the 3TG from smelters whose due diligence practices have been validated by an independent third party audit program? (*)	Yes	
E. Have you implemented due diligence measures for conflict-free sourcing? (*)	Yes	
F. Does your company conduct Conflict Minerals survey(s) of your relevant supplier(s)? (*)	Yes, using other format (describe)	ISO 9001:2015 Suppliers
G. Do you review due diligence information received from your suppliers against your company's expectations? (*)	Yes	
H. Does your review process include corrective action management? (*)	Yes	
I. Is your company required to file an annual conflict minerals disclosure with the SEC? (*)	No	

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TO BEGIN:

Option A: If you know the Smelter Identification Number, input the number in Column A (columns B, C, E, F, G, I and J will auto-populate); D will grey out.

Option B: If you have a Metal and Smelter Look-up name combination, complete the following steps:
Step 1. Select Metal in column B

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Link to "RMAP Conformant Smelter List"

Revision 5.12
April 26, 2019

Smelter Identification Number Input Column	Metal (*)	Smelter Look-up (*)	Smelter Name (1)	Smelter Country (*)	Smelter Identification	Source of Smelter Identification Number	Smelter Street	Smelter City	Smelter Facility Location: State / Province	Smelter Contact Name	Smelter Contact Email	Proposed next steps	Name of Mine(s) or if recycled or scrap sourced, enter "recycled" or "scrap"	Location (Country) of Mine(s) or if recycled or scrap sourced, enter "recycled" or "scrap"	Does 100% of the smelter's feedstock originate from recycled or scrap sources?	Comments
CID000092	Tantalum	Asaka Riken Co., Ltd.		JAPAN	CID000092	CFSI		Tamura	Fukushima							
CID000211	Tantalum	Changsha South Tantalum Niobium Co., Ltd.		CHINA	CID000211	CFSI		Changsha	Hunan							
CID000291	Tantalum	Conghua Tantalum and Niobium Smeltry		CHINA	CID000291	CFSI		Conghua	Guangdong							
CID000410	Tantalum	Duoluoshan		CHINA	CID000410	CFSI		Shui City	Guangdong							
CID000456	Tantalum	Exotech Inc.		UNITED STATES OF AMERICA	CID000456	CFSI		Pompano Beach	Florida							
CID000460	Tantalum	F&X Electro-Materials Ltd.		CHINA	CID000460	CFSI		Jiangmen	Guangdong							
CID000616	Tantalum	Guangdong Zhiyuan New Material Co., Ltd.		CHINA	CID000616	CFSI		Yingde	Guangdong							
CID000731	Tantalum	Hi-Temp Specialty Metals, Inc.		UNITED STATES OF AMERICA	CID000731	CFSI		Yaphank	New York							
CID000914	Tantalum	JiuJiang JinXin Nonferrous Metals Co., Ltd.		CHINA	CID000914	CFSI		Jiujiang	Jiangxi							
CID000917	Tantalum	Jiujiang Nonferrous Metals Smelting Company Limited		CHINA	CID000917	CFSI		Jiujiang	Jiangxi							
CID000973	Tantalum	King-Tan Tantalum Industry Ltd.		CHINA	CID000973	CFSI		Yifeng	Jiangxi							
CID001076	Tantalum	LSM Brasil S.A.		BRAZIL	CID001076	CFSI		São João del Rei	Minas Gerais							
CID001163	Tantalum	Metallurgical Products India Pvt. Ltd. (MPIL)		INDIA	CID001163	CFSI		District Raigad	Maharashtra							
CID001175	Tantalum	Mineração Taboca S.A.		BRAZIL	CID001175	CFSI		Presidente Figueiredo	Amazonas							
CID001192	Tantalum	Mitsui Mining & Smelting		JAPAN	CID001192	CFSI		Omuta	Fukuoka							
CID001200	Tantalum	NPM Silmet AS		ESTONIA	CID001200	CFSI		Sillamäe	Ida-Virumaa							
CID001277	Tantalum	Ningxia Orient Tantalum Industry Co., Ltd.		CHINA	CID001277	CFSI		Shizuishan City	Ningxia							
CID001508	Tantalum	QuantumClean		UNITED STATES OF AMERICA	CID001508	CFSI		Fremont	California							
CID001522	Tantalum	RFH Tantalum Smeltry Co., Ltd.		CHINA	CID001522	CFSI		Zhuzhou	Hunan							
CID001769	Tantalum	Solikamsk Magnesium Works OAO		RUSSIAN FEDERATION	CID001769	CFSI		Solikamsk	Permskiy kray							
CID001869	Tantalum	Taki Chemical Co., Ltd.		JAPAN	CID001869	CFSI		Harima	Hyogo							
CID001891	Tantalum	Telex Metals		UNITED STATES OF AMERICA	CID001891	CFSI		Croydon	Pennsylvania							
CID001969	Tantalum	Ulba Metallurgical Plant JSC		KAZAKHSTAN	CID001969	CFSI		Ust-Kamenogorsk	Qaraghandy oblysy							
CID002232	Tantalum	Zhuzhou Cemented Carbide Group		CHINA	CID002232	CFSI		Zhuzhou	Hunan							
CID002307	Tantalum	Yichun Jin Yang Rare Metal Co., Ltd.		CHINA	CID002307	CFSI		Yifeng	Jiangxi							
CID002492	Tantalum	Hengyang King Xing Lifeng New Materials Co., Ltd.		CHINA	CID002492	CFSI		Hengyang	Hunan							
CID002504	Tantalum	D Block Metals, LLC		UNITED STATES OF AMERICA	CID002504	CFSI		Gastonia	North Carolina							
CID002505	Tantalum	FIR Metals & Resource Ltd.		CHINA	CID002505	CFSI		Zhuzhou	Hunan							
CID002506	Tantalum	Jiujiang Zhongao Tantalum & Niobium Co., Ltd.		CHINA	CID002506	CFSI		Jiujiang	Jiangxi							
CID002508	Tantalum	XinXing HaoRong Electronic Material Co., Ltd.		CHINA	CID002508	CFSI		Yunfu City	Guangdong							
CID002512	Tantalum	Jiangxi Dinghai Tantalum & Niobium Co., Ltd.		CHINA	CID002512	CFSI		Fengxin	Jiangxi							
CID002539	Tantalum	KEMET Blue Metals		MEXICO	CID002539	CFSI		Matamoros	Tamaulipas							
CID002544	Tantalum	H.C. Starck Co., Ltd.		THAILAND	CID002544	CFSI		Map Ta Phut	Rayong							
CID002545	Tantalum	H.C. Starck Tantalum and Niobium GmbH		GERMANY	CID002545	CFSI		Goslar	Niedemachsen							
CID002547	Tantalum	H.C. Starck Hermsdorf GmbH		GERMANY	CID002547	CFSI		Hermsdorf	Thüringen							
CID002548	Tantalum	H.C. Starck Inc.		UNITED STATES OF AMERICA	CID002548	CFSI		Newton	Massachusetts							
CID002549	Tantalum	H.C. Starck Ltd.		JAPAN	CID002549	CFSI		Mito	Ibaraki							
CID002550	Tantalum	H.C. Starck Smelting GmbH & Co. KG		GERMANY	CID002550	CFSI		Laufenburg	Baden-Württemberg							
CID002557	Tantalum	Global Advanced Metals Boyertown		UNITED STATES OF AMERICA	CID002557	CFSI		Boyertown	Pennsylvania							
CID002558	Tantalum	Global Advanced Metals Aizu		JAPAN	CID002558	CFSI		Aizuwakamatsu	Fukushima							
CID002568	Tantalum	KEMET Blue Powder		UNITED STATES OF AMERICA	CID002568	CFSI		Mound House	Nevada							
CID002571	Tantalum	Tranzact, Inc.		UNITED STATES OF AMERICA	CID002571	CFSI		Lancaster	Pennsylvania							
CID002707	Tantalum	Resind Industria e Comercio Ltda.		BRAZIL	CID002707	CFSI		São João del Rei	Minas gerais							
CID002842	Tantalum	Jiangxi Tuohong New Raw Material		CHINA	CID002842	CFSI		Yichun	Jiangxi							
CID002847	Tantalum	Power Resources Ltd.		MACEDONIA, THE FORMER YUGOSLAV REPUBLIC OF	CID002847	CFSI		Skopje	Skopje							
CID000228	Tin	Chenzhou Yunxiang Mining and Metallurgy Co., Ltd.		CHINA	CID000228	CFSI		Qiaokou	Hunan							
CID000244	Tin	Jiangxi Ketai Advanced Material Co., Ltd.		CHINA	CID000244	CFSI		Yichun	Jiangxi							

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CID000278	Tin	CNMC (Guangxi) PGMA Co., Ltd.		CHINA	CID000278	CFSI		Hezhou	Guangxi							
CID000292	Tin	Alpha		UNITED STATES OF AMERICA	CID000292	CFSI		Altoona	Pennsylvania							
CID000295	Tin	Cooperativa Metalurgica de Rondonia Ltda.		BRAZIL	CID000295	CFSI		Ariquemes	Rondônia							
CID000306	Tin	CV Gita Pesona		INDONESIA	CID000306	CFSI		Sungailiat	Bangka Belitung							
CID000307	Tin	PT Justindo		INDONESIA	CID000307	CFSI		Kabupaten	Bangka Belitung							
CID000309	Tin	PT Aries Kencana Sejahtera		INDONESIA	CID000309	CFSI		Pemali	Bangka Belitung							
CID000313	Tin	CV Serumpun Sebalai		INDONESIA	CID000313	CFSI		Pangkalan	Bangka Belitung							
CID000315	Tin	CV United Smelting		INDONESIA	CID000315	CFSI		Pangkal Pinang	Bangka Belitung							
CID000402	Tin	Dowa		JAPAN	CID000402	CFSI		Kosaka	Akita							
CID000438	Tin	EM Vinto		BOLIVIA (PLURINATIONAL STATE OF)	CID000438	CFSI		Oruro	Oruro							
CID000448	Tin	Estanho de Rondonia S.A.		BRAZIL	CID000448	CFSI		Ariquemes	Rondônia							
CID000468	Tin	Fenix Metals		POLAND	CID000468	CFSI		Chmielów	Podkarpackie							
CID000538	Tin	Gejiu Non-Ferrous Metal Processing Co., Ltd.		CHINA	CID000538	CFSI		Gejiu	Yunnan							
CID000555	Tin	Gejiu Zili Mining And Metallurgy Co., Ltd.		CHINA	CID000555	CFSI		Gejiu	Yunnan							
CID000760	Tin	Huichang Jinshunda Tin Co., Ltd.		CHINA	CID000760	CFSI		Ganzhou	Jiangxi							
CID000942	Tin	Gejiu Kai Meng Industry and Trade LLC		CHINA	CID000942	CFSI		Gejiu	Yunnan							
CID001070	Tin	China Tin Group Co., Ltd.		CHINA	CID001070	CFSI		Laibin	Guangxi							
CID001105	Tin	Malaysia Smelting Corporation (MSC)		MALAYSIA	CID001105	CFSI		Butterworth	Pulau Pinang							
CID001142	Tin	Metallic Resources, Inc.		UNITED STATES OF AMERICA	CID001142	CFSI		Twinsburg	Ohio							
CID001173	Tin	Mineracao Taboca S.A.		BRAZIL	CID001173	CFSI		Bairro Guarapiranga	São Paulo							
CID001182	Tin	Minsur		PERU	CID001182	CFSI		Paracas	Ica							
CID001191	Tin	Mitsubishi Materials Corporation		JAPAN	CID001191	CFSI		Asago	Hyogo							
CID001231	Tin	Nanshan Tin Co. Ltd.		CHINA	CID001231	CFSI		Ganzhou	Jiangxi							
CID001314	Tin	O.M. Manufacturing (Thailand) Co., Ltd.		THAILAND	CID001314	CFSI		Nongkham Sriracha	Chon Buri							
CID001337	Tin	Operaciones Metalurgical S.A.		BOLIVIA (PLURINATIONAL STATE OF)	CID001337	CFSI		Oruro	Oruro							
CID001399	Tin	PT Artha Cipta Langgeng		INDONESIA	CID001399	CFSI		Sungailiat	Bangka Belitung							
CID001402	Tin	PT Babel Inti Perkasa		INDONESIA	CID001402	CFSI		Lintang	Bangka Belitung							
CID001419	Tin	PT Bangka Tin Industry		INDONESIA	CID001419	CFSI		Sungailiat	Bangka Belitung							
CID001421	Tin	PT Belitung Industri Sejahtera		INDONESIA	CID001421	CFSI		Kepulauan	Bangka Belitung							
CID001428	Tin	PT Bukit Timah		INDONESIA	CID001428	CFSI		Pangkal Pinang	Bangka Belitung							
CID001434	Tin	PT DS Jaya Abadi		INDONESIA	CID001434	CFSI		Pangkal Pinang	Bangka Belitung							
CID001438	Tin	PT Eunindo Usaha Mandiri		INDONESIA	CID001438	CFSI		Karimun	Kepulauan Riau							
CID001448	Tin	PT Karimun Mining		INDONESIA	CID001448	CFSI		Karimun	Kepulauan Riau							
CID001453	Tin	PT Mitra Stania Prima		INDONESIA	CID001453	CFSI		Sungailiat	Bangka Belitung							
CID001457	Tin	PT Panca Mega Persada		INDONESIA	CID001457	CFSI		Sungailiat	Bangka Belitung							
CID001458	Tin	PT Prima Timah Utama		INDONESIA	CID001458	CFSI		Pangkal Pinang	Bangka Belitung							
CID001460	Tin	PT Refined Bangka Tin		INDONESIA	CID001460	CFSI		Sungailiat	Bangka Belitung							
CID001463	Tin	PT Sariwiguna Binasentosa		INDONESIA	CID001463	CFSI		Pangkal Pinang	Bangka Belitung							
CID001468	Tin	PT Stanindo Inti Perkasa		INDONESIA	CID001468	CFSI		Pangkal Pinang	Bangka Belitung							
CID001471	Tin	PT Sumber Jaya Indah		INDONESIA	CID001471	CFSI		Pangkal Pinang	Bangka Belitung							
CID001477	Tin	PT Timah (Persero) Tbk Kundur		INDONESIA	CID001477	CFSI		Kundur	Riau							
CID001482	Tin	PT Timah (Persero) Tbk Mentok		INDONESIA	CID001482	CFSI		Mentok	Bangka Belitung							
CID001490	Tin	PT Tinindo Inter Nusa		INDONESIA	CID001490	CFSI		Pangkal Pinang	Bangka Belitung							
CID001493	Tin	PT Tommy Utama		INDONESIA	CID001493	CFSI		Sumping Desa Batu Peyu	Bangka Belitung							
CID001539	Tin	Rui Da Hung		TAIWAN, PROVINCE OF CHINA	CID001539	CFSI		Longtan Shiang Taoyuang	Taiwan							
CID001758	Tin	Soft Metais Ltda.		BRAZIL	CID001758	CFSI		Bebedouro	São Paulo							
CID001898	Tin	Thaisarco		THAILAND	CID001898	CFSI		Amphur Muang	Phuket							
CID001908	Tin	Gejiu Yunxin Nonferrous Electrolysis Co., Ltd.		CHINA	CID001908	CFSI		Gejiu	Yunnan							
CID002015	Tin	VQB Mineral and Trading Group JSC		VIET NAM	CID002015	CFSI		Nguyen Van Ngoc	Ha Noi							
CID002036	Tin	White Solder Metalurgica		BRAZIL	CID002036	CFSI		Ariquemes	Rondônia							

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CID002158	Tin	Yunnan Chengfeng Non-ferrous Metals Co., Ltd.		CHINA	CID002158	CFSI		Gejiu	Yunnan							
CID002180	Tin	Yunnan Tin Company, Ltd.		CHINA	CID002180	CFSI		Gejiu	Yunnan							
CID002455	Tin	CV Venus Inti Perkasa		INDONESIA	CID002455	CFSI		Pangkal Pinang	Bangka Belitung							
CID002468	Tin	Magnu's Minerais Metais e Ligas Ltda.		BRAZIL	CID002468	CFSI		São João del Rei	Minas Gerais							
CID002500	Tin	Melt Metals e Ligas S.A.		BRAZIL	CID002500	CFSI		Ariquemes	Cao Bằng							
CID002503	Tin	PT ATD Makmur Mandiri Jaya		INDONESIA	CID002503	CFSI		Sungailiat	Bangka Belitung							
CID002517	Tin	O.M. Manufacturing Philippines, Inc.		PHILIPPINES	CID002517	CFSI		Cavite Economic Zone	Cavite							
CID002530	Tin	PT Inti Stania Prima		INDONESIA	CID002530	CFSI		Sungailiat	Bangka Belitung							
CID002570	Tin	CV Ayi Jaya		INDONESIA	CID002570	CFSI		Sungailiat	Bangka Belitung							
CID002572	Tin	Electro-Mechanical Facility of the Cao Bang Minerals & Metallurgy Joint Stock Company		VIET NAM	CID002572	CFSI		Tinh Tuc	Cao Bằng							
CID002573	Tin	Nghe Tinh Non-Ferrous Metals Joint Stock Company		VIET NAM	CID002573	CFSI		Quy Hop	Nghệ An							
CID002574	Tin	Tuyen Quang Non-Ferrous Metals Joint Stock Company		VIET NAM	CID002574	CFSI		Tan Quang	Tuyên Quang							
CID002592	Tin	CV Dua Sekawan		INDONESIA	CID002592	CFSI		Pangkal Pinang	Bangka Belitung							
CID002593	Tin	CV Tiga Sekawan		INDONESIA	CID002593	CFSI		Pangkal Pinang	Bangka Belitung							
CID002696	Tin	PT Cipta Persada Mulia		INDONESIA	CID002696	CFSI		Pangkal Pinang	Bangka Belitung							
CID002703	Tin	An Vinh Joint Stock Mineral Processing Company		VIET NAM	CID002703	CFSI		Quy Hop	Nghệ An							
CID002706	Tin	Resind Industria e Comercio Ltda.		BRAZIL	CID002706	CFSI		São João del Rei	Minas gerais							
CID002756	Tin	Super Ligas		BRAZIL	CID002756	CFSI		Piracicaba	São Paulo							
CID002757	Tin	PT O.M. Indonesia		INDONESIA	CID002757	CFSI		Bekasi	Jawa Barat							
CID002773	Tin	Metallo-Chimique N.V.		BELGIUM	CID002773	CFSI		Beerse	Antwerpen							
CID002774	Tin	Elmet S.L.U.		SPAIN	CID002774	CFSI		Berango	Bizkaia							
CID002776	Tin	PT Bangka Prima Tin		INDONESIA	CID002776	CFSI		Kabupaten	Bangka Belitung							
CID002816	Tin	PT Sukses Inti Makmur		INDONESIA	CID002816	CFSI		Kabupaten	Bangka Belitung							
CID002825	Tin	An Thai Minerals Co., Ltd.		VIET NAM	CID002825	CFSI		Quy Hop	Nghệ An							
CID002829	Tin	PT Kijang Jaya Mandiri		INDONESIA	CID002829	CFSI		Sungailiat	Bangka Belitung							
CID002835	Tin	PT Menara Cipta Mulia		INDONESIA	CID002835	CFSI		Belitung Timur	Bangka Belitung							
CID002844	Tin	HuiChang Hill Tin Industry Co., Ltd.		CHINA	CID002844	CFSI		Ganzhou	Jiangxi							
CID002848	Tin	Gejiu Fengming Metallurgy Chemical Plant		CHINA	CID002848	CFSI		Gejiu	Yunnan							
CID002849	Tin	Guanyang Guida Nonferrous Metal Smelting Plant		CHINA	CID002849	CFSI		Guanyang	Guangxi							
CID002858	Tin	Modeltech Sdn Bhd		MALAYSIA	CID002858	CFSI		Kawasan Perindustrian Bukit Rambai	Melaka							
CID002859	Tin	Gejiu Jinye Mineral Company		CHINA	CID002859	CFSI		Jijie	Yunnan							
CID002870	Tin	PT Lautan Harmonis Sejahtera		INDONESIA	CID002870	CFSI		Bangka Selatan	Bangka Belitung							
CID003116	Tin	Guangdong Hanhe Non-Ferrous Metal Co., Ltd.		CHINA	CID003116	CFSI		Chaozhou	Guangdong							
CID003154	Tin	Da Nang Processing Import and Export Joint Stock		VIET NAM	CID003154	CFSI		King Mon	Hải Dương							
CID000004	Tungsten	A.L.M.T. TUNGSTEN Corp.		JAPAN	CID000004	CFSI		Toyama City	Toyama							
CID000105	Tungsten	Kennametal Huntsville		UNITED STATES OF AMERICA	CID000105	CFSI		Huntsville	Alabama							
CID000218	Tungsten	Guangdong Xianglu Tungsten Co., Ltd.		CHINA	CID000218	CFSI		Chaozhou	Guangdong							
CID000258	Tungsten	Chongyi Zhangyuan Tungsten Co., Ltd.		CHINA	CID000258	CFSI		Ganzhou	Jiangxi							
CID000345	Tungsten	Deyu Weiliang Tungsten Co., Ltd.		CHINA	CID000345	CFSI		Ganzhou	Jiangxi							
CID000499	Tungsten	Fujian Jinxin Tungsten Co., Ltd.		CHINA	CID000499	CFSI		Yanshi	Fujian							
CID000568	Tungsten	Global Tungsten & Powders Corp.		UNITED STATES OF AMERICA	CID000568	CFSI		Towanda	Pennsylvania							
CID000766	Tungsten	Hunan Chenzhou Mining Co., Ltd.		CHINA	CID000766	CFSI		Yuanling	Hunan							
CID000769	Tungsten	Hunan Chunchang Nonferrous Metals Co., Ltd.		CHINA	CID000769	CFSI		Hengyang	Hunan							
CID000825	Tungsten	Japan New Metals Co., Ltd.		JAPAN	CID000825	CFSI		Akita City	Akita							
CID000875	Tungsten	Ganzhou Huaxing Tungsten Products Co., Ltd.		CHINA	CID000875	CFSI		Ganzhou	Jiangxi							
CID000966	Tungsten	Kennametal Fallon		UNITED STATES OF AMERICA	CID000966	CFSI		Fallon	Nevada							
CID001889	Tungsten	Tejing (Vietnam) Tungsten Co., Ltd.		VIET NAM	CID001889	CFSI		Halong City	Tây Ninh							
CID002011	Tungsten	Vietnam Youngsun Tungsten Industry Co., Ltd.		VIET NAM	CID002011	CFSI		Halong City	Quảng Ninh							
CID002044	Tungsten	Wolfram Bergbau und Hutten AG		AUSTRIA	CID002044	CFSI		St. Martin i-S	Steiermark							
CID002082	Tungsten	Xiamen Tungsten Co., Ltd.		CHINA	CID002082	CFSI		Xiamen	Fujian							

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CID002095	Tungsten	Xinhai Rendan Shaoguan Tungsten Co., Ltd.		CHINA	CID002095	CFSI		Shaoguan	Guangdong							
CID002313	Tungsten	Jiangxi Minmetals Gao'an Non-ferrous Metals Co., Ltd.		CHINA	CID002313	CFSI		Gao'an	Jiangxi							
CID002315	Tungsten	Ganzhou Jiangwu Ferrotungsten Co., Ltd.		CHINA	CID002315	CFSI		Ganzhou	Jiangxi							
CID002316	Tungsten	Jiangxi Yaosheng Tungsten Co., Ltd.		CHINA	CID002316	CFSI		Ganzhou	Jiangxi							
CID002317	Tungsten	Jiangxi Xinsheng Tungsten Industry Co., Ltd.		CHINA	CID002317	CFSI		Ganzhou	Jiangxi							
CID002318	Tungsten	Jiangxi Tonggu Non-ferrous Metallurgical & Chemical Co., Ltd.		CHINA	CID002318	CFSI		Tonggu	Jiangxi							
CID002319	Tungsten	Malipo Haiyu Tungsten Co., Ltd.		CHINA	CID002319	CFSI		Nanfeng Xiaozhai	Yunnan							
CID002320	Tungsten	Xiamen Tungsten (H.C.) Co., Ltd.		CHINA	CID002320	CFSI		Xiamen	Fujian							
CID002321	Tungsten	Jiangxi Gan Bei Tungsten Co., Ltd.		CHINA	CID002321	CFSI		Xiushui	Jiangxi							
CID002494	Tungsten	Ganzhou Seadragon W & Mo Co., Ltd.		CHINA	CID002494	CFSI		Ganzhou	Jiangxi							
CID002502	Tungsten	Asia Tungsten Products Vietnam Ltd.		VIET NAM	CID002502	CFSI		Vinh Bao District	Hai Phong							
CID002513	Tungsten	Chenzhou Diamond Tungsten Products Co., Ltd.		CHINA	CID002513	CFSI		Chenzhou	Hunan							
CID002535	Tungsten	Jiangxi Xiushui Xianggan Nonferrous Metals Co., Ltd.		CHINA	CID002535	CFSI		Xiushui	Jiangxi							
CID002536	Tungsten	Ganzhou Yatai Tungsten Co., Ltd.		CHINA	CID002536	CFSI		Ganzhou	Jiangxi							
CID002541	Tungsten	H.C. Starck Tungsten GmbH		GERMANY	CID002541	CFSI		Goslar	Niedersachsen							
CID002542	Tungsten	H.C. Starck Smelting GmbH & Co. KG		GERMANY	CID002542	CFSI		Laufenburg	Baden-Württemberg							
CID002543	Tungsten	Nui Phao H.C. Starck Tungsten Chemicals Manufacturing LLC		VIET NAM	CID002543	CFSI		Dai Tu	Thái Nguyên							
CID002551	Tungsten	Jiangwu H.C. Starck Tungsten Products Co., Ltd.		CHINA	CID002551	CFSI		Ganzhou	Jiangxi							
CID002579	Tungsten	Hunan Chuangde Vanadium Tungsten Co., Ltd. Wuji		CHINA	CID002579	CFSI		Hengyang	Hunan							
CID002589	Tungsten	Niagara Refining LLC		UNITED STATES OF AMERICA	CID002589	CFSI		Depew	New York							
CID002645	Tungsten	Ganzhou Haichuang Tungsten Industry Co., Ltd.		CHINA	CID002645	CFSI		Ganzhou	Jiangxi							
CID002647	Tungsten	Jiangxi Dayu Longxintai Tungsten Co., Ltd.		CHINA	CID002647	CFSI		Huanglong	Jiangxi							
CID002649	Tungsten	Hydrometallurg, JSC		RUSSIAN FEDERATION	CID002649	CFSI		Nalchik	Kabardino-Balkarskaya Respublika							
CID002724	Tungsten	Unecha Refractory metals plant		RUSSIAN FEDERATION	CID002724	CFSI		Unecha	Bryanskaya oblast'							
CID002815	Tungsten	South-East Nonferrous Metal Company Limited of Hengyang City		CHINA	CID002815	CFSI		Hengyang	Hunan							
CID002827	Tungsten	Philippine Chuangxin Industrial Co., Inc.		PHILIPPINES	CID002827	CFSI		Manilao	Bulacan							
CID002830	Tungsten	Xinfeng Huarui Tungsten & Molybdenum New Material Co., Ltd.		CHINA	CID002830	CFSI		Ganzhou	Jiangxi							
CID002833	Tungsten	ACL Metais Eireli		BRAZIL	CID002833	CFSI		Aragarigauma	São Paulo							
CID002843	Tungsten	Woltech Korea Co., Ltd.		KOREA, REPUBLIC OF	CID002843	CFSI		Gyeongju	Gyeongsangbuk-do [Gyeongbuk]							
CID002845	Tungsten	Molinen Ltd.		RUSSIAN FEDERATION	CID002845	CFSI		Roshal	Moskovskaja oblast'							
CID002512	Tantalum	Jiangxi Dinghai Tantalum & Niobium Co., Ltd.		CHINA	CID002512	CFSI		Fengxin	Jiangxi							
	Tantalum	Smelter not listed	Plansee SE Liezen	AUSTRIA												
	Tantalum	Smelter not listed	H.C. Starck GmbH Laufenburg	GERMANY												
	Tantalum	Smelter not listed	Plansee SE Reutte	AUSTRIA												
	Tantalum	Smelter not listed	E.S.R. Electronics	UNITED STATES OF AMERICA												
	Tin	Smelter not listed	Bauer-Walser AG	GERMANY												
	Tin	Smelter not listed	Feinhütte Halsbrücke GmbH	GERMANY												
	Tin	Smelter not listed	PT Tinar Putra Mandiri	INDONESIA												
	Tantalum	Smelter not listed	E.S.R. Electronics	UNITED STATES OF AMERICA												
CID001428	Tin	PT Bukit Timah		INDONESIA	CID001428	CFSI		Pangkal Pinang	Bangka Belitung							
CID002541	Tungsten	H.C. Starck GmbH		GERMANY	CID002541	CFSI		Goslar	Niedersachsen							
	Tungsten	Smelter not listed	Dayu Jincheng Tungsten Industry Co., Ltd.	CHINA												
	Tin	Smelter not listed	Stanchem Sp.j. (trader)	INDONESIA												
	Tin	Smelter not listed	Ampere Polska Sp.z.o.o (trader)	FRANCE												
	Tin	Smelter not listed	Ampere Polska Sp.z.o.o (trader)	GERMANY												
	Smelter not listed	Colonial Metals Co.	UNITED STATES	3002631	DUNS	Liden St.	Columbia	Pa.	Kathy Markley	kmarkley@colonialmetalsco.com						
	Smelter not listed	S. Shumann & Co. LLC	UNITED STATES			Alexander Rd.	Bedford	Ohio	David M. Schumann	dschumann@ishumann.com						
	Smelter not listed	H. Kramer & Co.	UNITED STATES	60-506-7772	DUNS	21st	Chicago, IL	Illinois	Randall K. Weil	rweil@hkkramer.com						
CID000438	Tin	EM Vinto	EM Vinto	BOLIVIA	CID000438	CFSI		Oruro	Cercado							
CID001482	Tin	PT Timah (Persero) Tbk Mentok	PT Timah (Persero) Tbk Mentok	INDONESIA	CID001482	CFSI		Mentok	Bangka							

Smelter Identification Number Input Column	Metal (*)	Smelter Look-up (*)	Smelter Name (1)	Smelter Country (*)	Smelter Identification	Source of Smelter Identification Number	Smelter Street	Smelter City	Smelter Facility Location: State / Province	Smelter Contact Name	Smelter Contact Email	Proposed next steps	Name of Mine(s) or if recycled or scrap sourced, enter "recycled" or "scrap"	Location (Country) of Mine(s) or if recycled or scrap sourced, enter "recycled" or "scrap"	Does 100% of the smelter's feedstock originate from recycled or scrap sources?	Comments
CID001105	Tin	Malaysia Smelting Corporation (MSC)	Malaysia Smelting Corporation (MSC)	MALAYSIA	CID001105	CFSI		Butterworth	Penang							
CID001173	Tin	Mineração Taboca S.A.	Mineração Taboca S.A.	BRAZIL	CID001173	CFSI		Bairro Guarapiranga	São Paulo							
CID001182	Tin	Minsur	Minsur	PERU	CID001182	CFSI		Paracas	Ica							
CID001337	Tin	Operaciones Metalurgical S.A.	Operaciones Metalurgical S.A.	BOLIVIA	CID001337	CFSI		Oruro	Cercado							
CID001898	Tin	Thaisarco	Thaisarco	THAILAND	CID001898	CFSI		Amphur Muang	Phuket							
CID002180	Tin	Yunnan Tin Company Limited	Yunnan Tin Company Limited	CHINA	CID002180	CFSI		Gejiu	Yunnan							
CID000295	Tin	Cooperativa Metalurgica de Rondônia Ltda.	Cooperativa Metalurgica de Rondônia Ltda.	BRAZIL	CID000295	CFSI		Ariquemes	Rondonia							
CID000295	#N/A	#N/A				#N/A										
CID000438	Tin	EM Vinto		BOLIVIA (PLURINATIONAL STATE OF)	CID000438	CFSI		Oruro	Oruro							
CID001105	Tin	Malaysia Smelting Corporation (MSC)		MALAYSIA	CID001105	CFSI		Butterworth	Pulau Pinang							
CID001173	Tin	Mineracao Taboca S.A.		BRAZIL	CID001173	CFSI		Bairro Guarapiranga	São Paulo							
CID001182	Tin	Minsur		PERU	CID001182	CFSI		Paracas	Ica							
CID001337	Tin	Operaciones Metalurgical S.A.		BOLIVIA (PLURINATIONAL STATE OF)	CID001337	CFSI		Oruro	Oruro							
CID001482	Tin	PT Timah (Persero) Tbk Mentok		INDONESIA	CID001482	CFSI		Mentok	Kepulauan Bangka Belitung							
CID001898	Tin	Thaisarco		THAILAND	CID001898	CFSI		Amphur Muang	Phuket							
CID002180	Tin	Yunnan Tin Company Limited		CHINA	CID002180	CFSI		Gejiu	Yunnan							
	Tin	Smelter Not Listed	ATLAS PACIFIC CORPORATION	UNITED STATES			1345 W. 21ST	CHICAGO	ILL							
	Tin	Smelter Not Listed	THE FEDERAL METAL COMPANY	UNITED STATES			7250 DIVISION ST	BEDFORD	OHIO							
	Tin	Smelter Not Listed	SIPI METALS CORP	UNITED STATES			1720 ELSTON AVE	CHICAGO	ILL							
	Tin	Smelter Not Listed	SCHUMANN	UNITED STATES			22500 ALEXANDER ROAD	BEDFORD	OHIO							
	Tin	Smelter Not Listed	COLONIAL METALS CO	UNITED STATES			217 LINDEN ST	COLUMBIA	PA							
	Tin	Smelter Not Listed	H. KRAMER & CO	UNITED STATES			1345 WEST 21 STREET	CHICAGO	ILL							
	Tungsten	Smelter Not Listed	REMELT SOURCES INC	UNITED STATES			27151 TUNGSTEN ROAD	CLEVELAND	OHIO							
CID000105	Tungsten	Kennametal Huntsville		UNITED STATES OF AMERICA	CID000105	CFSI		Huntsville	Alabama							
CID000211	Tantalum	Changsha South Tantalum Niobium Co., Ltd.		CHINA	CID000211	CFSI		Changsha	Hunan							
CID000218	Tungsten	Guangdong Xianglu Tungsten Co., Ltd.		CHINA	CID000218	CFSI		Chaozhou	Guangdong							
CID000228	Tin	Chenzhou Yunxiang Mining and Metallurgy Co., Ltd.		CHINA	CID000228	CFSI		Chenzhou	Hunan							
CID000244	Tin	Jiangxi Ketai Advanced Material Co., Ltd.		CHINA	CID000244	CFSI		Yichun	Jiangxi							
CID000258	Tungsten	Chongyi Zhangyuan Tungsten Co., Ltd.		CHINA	CID000258	CFSI		Ganzhou	Jiangxi							
CID000291	Tantalum	Guangdong Rising Rare Metals-EO Materials Ltd.		CHINA	CID000291	CFSI		Conghua	Guangdong							
CID000292	Tin	Alpha		UNITED STATES OF AMERICA	CID000292	CFSI		Altoona	Pennsylvania							
CID000306	Tin	CV Gita Pesona		INDONESIA	CID000306	CFSI		Sungailiat	Kepulauan Bangka Belitung							
CID000309	Tin	PT Aries Kencana Sejahtera		INDONESIA	CID000309	CFSI		Pemali	Kepulauan Bangka Belitung							
CID000313	Tin	CV Serumpun Sebalai		INDONESIA	CID000313	CFSI		Pangkalan	Kepulauan Bangka Belitung							
CID000315	Tin	CV United Smelting		INDONESIA	CID000315	CFSI		Pangkal Pinang	Kepulauan Bangka Belitung							
CID000402	Tin	Dowa		JAPAN	CID000402	CFSI		Kosaka	Akita							
CID000410	Tantalum	Duoluoshan		CHINA	CID000410	CFSI		Shui City	Guangdong							
CID000438	Tin	EM Vinto		BOLIVIA (PLURINATIONAL STATE OF)	CID000438	CFSI		Oruro	Oruro							
CID000448	Tin	Estanho de Rondonia S.A.		BRAZIL	CID000448	CFSI		Ariquemes	Rondônia							
CID000456	Tantalum	Exotech Inc.		UNITED STATES OF AMERICA	CID000456	CFSI		Pompano Beach	Florida							
CID000460	Tantalum	F&X Electro-Materials Ltd.		CHINA	CID000460	CFSI		Jiangmen	Guangdong							
CID000468	Tin	Fenix Metals		POLAND	CID000468	CFSI		Chmielów	Podkarpackie							
CID000499	Tungsten	Fujian Jinxin Tungsten Co., Ltd.		CHINA	CID000499	CFSI		Yanshi	Fujian							
CID000538	Tin	Gejiu Non-Ferrous Metal Processing Co., Ltd.		CHINA	CID000538	CFSI		Gejiu	Yunnan							
CID000555	Tin	Gejiu Zili Mining And Metallurgy Co., Ltd.		CHINA	CID000555	CFSI		Gejiu	Yunnan							
CID000568	Tungsten	Global Tungsten & Powders Corp.		UNITED STATES OF AMERICA	CID000568	CFSI		Towanda	Pennsylvania							
CID000616	Tantalum	Guangdong Zhiyuan New Material Co., Ltd.		CHINA	CID000616	CFSI		Yingde	Guangdong							
CID000651	Gold	Guoda Safina High-Tech Environmental Refinery Co., Ltd.		CHINA	CID000651	CFSI		Zhaoyuan	Shandong							
CID000760	Tin	Huichang Jinshunda Tin Co., Ltd.		CHINA	CID000760	CFSI		Ganzhou	Jiangxi							
CID000766	Tungsten	Hunan Chenzhou Mining Co., Ltd.		CHINA	CID000766	CFSI		Yuanling	Hunan							

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CID000767	Gold	Hunan Chenzhou Mining Co., Ltd.		CHINA	CID000767	CFSI		Yuanling	Hunan							
CID000769	Tungsten	Hunan Chunchang Nonferrous Metals Co., Ltd.		CHINA	CID000769	CFSI		Hengyang	Hunan							
CID000801	Gold	Inner Mongolia Qiankun Gold and Silver Refinery Share Co., Ltd.		CHINA	CID000801	CFSI		Hohhot	Nei Mongol							
CID000807	Gold	Ishifuku Metal Industry Co., Ltd.		JAPAN	CID000807	CFSI		Soka	Saitama							
CID000825	Tungsten	Japan New Metals Co., Ltd.		JAPAN	CID000825	CFSI		Akita City	Akita							
CID000875	Tungsten	Ganzhou Huaxing Tungsten Products Co., Ltd.		CHINA	CID000875	CFSI		Ganzhou	Jiangxi							
CID000914	Tantalum	JiuJiang JinXin Nonferrous Metals Co., Ltd.		CHINA	CID000914	CFSI		Jiujiang	Jiangxi							
CID000917	Tantalum	Jiujiang Nonferrous Metals Smelting Company Limited		CHINA	CID000917	CFSI		Jiujiang	Jiangxi							
CID000920	Gold	Asahi Refining USA Inc.		UNITED STATES OF AMERICA	CID000920	CFSI		Salt Lake City	Utah							
CID000924	Gold	Asahi Refining Canada Ltd.		CANADA	CID000924	CFSI		Brampton	Ontario							
CID000942	Tin	Gejiu Kai Meng Industry and Trade LLC		CHINA	CID000942	CFSI		Gejiu	Yunnan							
CID000957	Gold	Kazzinc		KAZAKHSTAN	CID000957	CFSI		Ust-Kamenogorsk	Qaraghandy oblysy							
CID000966	Tungsten	Kennametal Fallon		UNITED STATES OF AMERICA	CID000966	CFSI		Fallon	Nevada							
CID000973	Tantalum	King-Tan Tantalum Industry Ltd.		CHINA	CID000973	CFSI		Yifeng	Jiangxi							
CID000981	Gold	Kojima Chemicals Co., Ltd.		JAPAN	CID000981	CFSI		Sayama	Saitama							
CID001029	Gold	Kyrgyzaltyn JSC		KYRGYZSTAN	CID001029	CFSI		Bishkek	Chuy							
CID001070	Tin	China Tin Group Co., Ltd.		CHINA	CID001070	CFSI		Laibin	Guangxi							
CID001076	Tantalum	LSM Brasil S.A.		BRAZIL	CID001076	CFSI		São João del Rei	Minas Gerais							
CID001078	Gold	LS-NIKKO Copper Inc.		KOREA, REPUBLIC OF	CID001078	CFSI		Onsan-eup	Ulsan-gwangyeoksi							
CID001105	Tin	Malaysia Smelting Corporation (MSC)		MALAYSIA	CID001105	CFSI		Butterworth	Pulau Pinang							
CID001119	Gold	Matsuda Sangyo Co., Ltd.		JAPAN	CID001119	CFSI		Iruma	Saitama							
CID001142	Tin	Metallic Resources, Inc.		UNITED STATES OF AMERICA	CID001142	CFSI		Twinsburg	Ohio							
CID001163	Tantalum	Metallurgical Products India Pvt., Ltd.		INDIA	CID001163	CFSI		Distrlct Raigad	Maharashtra							
CID001173	Tin	Mineracao Taboca S.A.		BRAZIL	CID001173	CFSI		Bairro Guarapiranga	São Paulo							
CID001175	Tantalum	Mineracao Taboca S.A.		BRAZIL	CID001175	CFSI		Presidente Figueiredo	Amazonas							
CID001182	Tin	Minsur		PERU	CID001182	CFSI		Paracas	Ica							
CID001191	Tin	Mitsubishi Materials Corporation		JAPAN	CID001191	CFSI		Asago	Hyogo							
CID001192	Tantalum	Mitsui Mining and Smelting Co., Ltd.		JAPAN	CID001192	CFSI		Omuta	Fukuoka							
CID001200	Tantalum	NPM Silmet AS		ESTONIA	CID001200	CFSI		Sillamäe	Ida-Virumaa							
CID001231	Tin	Nankang Nanshan Tin Manufactory Co., Ltd.		CHINA	CID001231	CFSI		Ganzhou	Jiangxi							
CID001277	Tantalum	Ningxia Orient Tantalum Industry Co., Ltd.		CHINA	CID001277	CFSI		Shizuishan City	Ningxia							
CID001314	Tin	O.M. Manufacturing (Thailand) Co., Ltd.		THAILAND	CID001314	CFSI		Nongkham Sriracha	Chon Buri							
CID001337	Tin	Operaciones Metalurgicas S.A.		BOLIVIA (PLURINATIONAL STATE OF)	CID001337	CFSI		Oruro	Oruro							
CID001399	Tin	PT Artha Cipta Langgeng		INDONESIA	CID001399	CFSI		Sungailiat	Kepulauan Bangka Belitung							
CID001402	Tin	PT Babel Inti Perkasa		INDONESIA	CID001402	CFSI		Lintang	Kepulauan Bangka Belitung							
CID001419	Tin	PT Bangka Tin Industry		INDONESIA	CID001419	CFSI		Sungailiat	Kepulauan Bangka Belitung							
CID001421	Tin	PT Belitung Industri Sejahtera		INDONESIA	CID001421	CFSI		Pegantungan	Kepulauan Bangka Belitung							
CID001428	Tin	PT Bukit Timah		INDONESIA	CID001428	CFSI		Pangkal Pinang	Kepulauan Bangka Belitung							
CID001434	Tin	PT DS Jaya Abadi		INDONESIA	CID001434	CFSI		Pangkal Pinang	Kepulauan Bangka Belitung							
CID001438	Tin	PT Eunindo Usaha Mandiri		INDONESIA	CID001438	CFSI		Karimun	Kepulauan Riau							
CID001448	Tin	PT Karimun Mining		INDONESIA	CID001448	CFSI		Karimun	Kepulauan Riau							
CID001453	Tin	PT Mitra Stania Prima		INDONESIA	CID001453	CFSI		Sungailiat	Kepulauan Bangka Belitung							
CID001457	Tin	PT Panca Mega Persada		INDONESIA	CID001457	CFSI		Sungailiat	Kepulauan Bangka Belitung							
CID001458	Tin	PT Prima Timah Utama		INDONESIA	CID001458	CFSI		Pangkal Pinang	Kepulauan Bangka Belitung							
CID001460	Tin	PT Refined Bangka Tin		INDONESIA	CID001460	CFSI		Sungailiat	Kepulauan Bangka Belitung							
CID001463	Tin	PT Sariwiguna Binasentosa		INDONESIA	CID001463	CFSI		Pangkal Pinang	Kepulauan Bangka Belitung							
CID001468	Tin	PT Stanindo Inti Perkasa		INDONESIA	CID001468	CFSI		Pangkal Pinang	Kepulauan Bangka Belitung							
CID001471	Tin	PT Sumber Jaya Indah		INDONESIA	CID001471	CFSI		Pangkal Pinang	Kepulauan Bangka Belitung							
CID001477	Tin	PT Timah (Persero) Tbk Kundur		INDONESIA	CID001477	CFSI		Kundur	Riau							
CID001482	Tin	PT Timah (Persero) Tbk Mentok		INDONESIA	CID001482	CFSI		Mentok	Kepulauan Bangka Belitung							

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CID001490	Tin	PT Tinindo Inter Nusa		INDONESIA	CID001490	CFSI		Pangkal Pinang	Kepulauan Bangka Belitung							
CID001493	Tin	PT Tommy Utama		INDONESIA	CID001493	CFSI		Sumping Desa Batu Peyu	Kepulauan Bangka Belitung							
CID001508	Tantalum	QuantumClean		UNITED STATES OF AMERICA	CID001508	CFSI		Fremont	California							
CID001522	Tantalum	RFH Tantalum Smeltery Co., Ltd./Yanling Jincheng Tantalum & Niobium Co., Ltd.		CHINA	CID001522	CFSI		Zhuzhou	Hunan							
CID001539	Tin	Rui Da Hung		TAIWAN, PROVINCE OF CHINA	CID001539	CFSI		Longtan Shiang Taoyuang	Taiwan							
CID001758	Tin	Soft Metais Ltda.		BRAZIL	CID001758	CFSI		Bebedouro	São Paulo							
CID001761	Gold	Solar Applied Materials Technology Corp.		TAIWAN, PROVINCE OF CHINA	CID001761	CFSI		Tainan City	Taiwan							
CID001769	Tantalum	Solikamsk Magnesium Works OAO		RUSSIAN FEDERATION	CID001769	CFSI		Solikamsk	Permskiy kray							
CID001798	Gold	Sumitomo Metal Mining Co., Ltd.		JAPAN	CID001798	CFSI		Saijo	Ehime							
CID001869	Tantalum	Taki Chemical Co., Ltd.		JAPAN	CID001869	CFSI		Harima	Hyogo							
CID001875	Gold	Tanaka Kikinzoku Kogyo K.K.		JAPAN	CID001875	CFSI		Hiratsuka	Kanagawa							
CID001889	Tungsten	Tejing (Vietnam) Tungsten Co., Ltd.		VIET NAM	CID001889	CFSI		Halong City	Tây Ninh							
CID001891	Tantalum	Telex Metals		UNITED STATES OF AMERICA	CID001891	CFSI		Croydon	Pennsylvania							
CID001898	Tin	Thaisarco		THAILAND	CID001898	CFSI		Amphur Muang	Phuket							
CID001908	Tin	Gejiu Yunxin Nonferrous Electrolysis Co., Ltd.		CHINA	CID001908	CFSI		Gejiu	Yunnan							
CID001969	Tantalum	Ulba Metallurgical Plant JSC		KAZAKHSTAN	CID001969	CFSI		Ust-Kamenogorsk	Qaraghandy oblysy							
CID002011	Tungsten	Vietnam Youngsun Tungsten Industry Co., Ltd.		VIET NAM	CID002011	CFSI		Halong City	Quảng Ninh							
CID002036	Tin	White Solder Metalurgia e Mineracao Ltda.		BRAZIL	CID002036	CFSI		Ariquemes	Rondônia							
CID002044	Tungsten	Wolfram Bergbau und Hütten AG		AUSTRIA	CID002044	CFSI		St. Martin i-S	Steiermark							
CID002082	Tungsten	Xiamen Tungsten Co., Ltd.		CHINA	CID002082	CFSI		Xiamen	Fujian							
CID002095	Tungsten	Xinhai Rendan Shaoguan Tungsten Co., Ltd.		CHINA	CID002095	CFSI		Shaoguan	Guangdong							
CID002158	Tin	Yunnan Chengfeng Non-ferrous Metals Co., Ltd.		CHINA	CID002158	CFSI		Gejiu	Yunnan							
CID002180	Tin	Yunnan Tin Company Limited		CHINA	CID002180	CFSI		Gejiu	Yunnan							
CID002307	Tantalum	Yichun Jin Yang Rare Metal Co., Ltd.		CHINA	CID002307	CFSI		Yifeng	Jiangxi							
CID002313	Tungsten	Jiangxi Minmetals Gao'an Non-ferrous Metals Co., Ltd.		CHINA	CID002313	CFSI		Gao'an	Jiangxi							
CID002316	Tungsten	Jiangxi Yaosheng Tungsten Co., Ltd.		CHINA	CID002316	CFSI		Ganzhou	Jiangxi							
CID002317	Tungsten	Jiangxi Xinsheng Tungsten Industry Co., Ltd.		CHINA	CID002317	CFSI		Ganzhou	Jiangxi							
CID002318	Tungsten	Jiangxi Tonggu Non-ferrous Metallurgical & Chemical Co., Ltd.		CHINA	CID002318	CFSI		Tonggu	Jiangxi							
CID002319	Tungsten	Malipo Haiyu Tungsten Co., Ltd.		CHINA	CID002319	CFSI		Nanfeng Xiaozhai	Yunnan							
CID002320	Tungsten	Xiamen Tungsten (H.C.) Co., Ltd.		CHINA	CID002320	CFSI		Xiamen	Fujian							
CID002321	Tungsten	Jiangxi Gan Bei Tungsten Co., Ltd.		CHINA	CID002321	CFSI		Xiushui	Jiangxi							
CID002455	Tin	CV Venus Inti Perkasa		INDONESIA	CID002455	CFSI		Pangkal Pinang	Kepulauan Bangka Belitung							
CID002468	Tin	Magnu's Minerais Metais e Ligas Ltda.		BRAZIL	CID002468	CFSI		São João del Rei	Minas Gerais							
CID002492	Tantalum	Hengyang King Xing Lifeng New Materials Co., Ltd.		CHINA	CID002492	CFSI		Hengyang	Hunan							
CID002494	Tungsten	Ganzhou Seadragon W & Mo Co., Ltd.		CHINA	CID002494	CFSI		Ganzhou	Jiangxi							
CID002500	Tin	Melt Metais e Ligas S.A.		BRAZIL	CID002500	CFSI		Ariquemes	Rondônia							
CID002502	Tungsten	Asia Tungsten Products Vietnam Ltd.		VIET NAM	CID002502	CFSI		Vinh Bao District	Hai Phong							
CID002503	Tin	PT ATD Makmur Mandiri Jaya		INDONESIA	CID002503	CFSI		Sungailiat	Kepulauan Bangka Belitung							
CID002504	Tantalum	D Block Metals, LLC		UNITED STATES OF AMERICA	CID002504	CFSI		Gastonia	North Carolina							
CID002505	Tantalum	FIR Metals & Resource Ltd.		CHINA	CID002505	CFSI		Zhuzhou	Hunan							
CID002506	Tantalum	Jiujiang Zhongao Tantalum & Niobium Co., Ltd.		CHINA	CID002506	CFSI		Jiujiang	Jiangxi							
CID002508	Tantalum	XinXing HaoRong Electronic Material Co., Ltd.		CHINA	CID002508	CFSI		Yunfu City	Guangdong							
CID002512	Tantalum	Jiangxi Dinghai Tantalum & Niobium Co., Ltd.		CHINA	CID002512	CFSI		Fengxin	Jiangxi							
CID002513	Tungsten	Chenzhou Diamond Tungsten Products Co., Ltd.		CHINA	CID002513	CFSI		Chenzhou	Hunan							
CID002517	Tin	O.M. Manufacturing Philippines, Inc.		PHILIPPINES	CID002517	CFSI		Rosario	Cavite							
CID002530	Tin	PT Inti Stania Prima		INDONESIA	CID002530	CFSI		Sungailiat	Kepulauan Bangka Belitung							
CID002535	Tungsten	Jiangxi Xiushui Xianggan Nonferrous Metals Co., Ltd.		CHINA	CID002535	CFSI		Xiushui	Jiangxi							
CID002536	Tungsten	Ganzhou Yatai Tungsten Co., Ltd.		CHINA	CID002536	CFSI		Ganzhou	Jiangxi							
CID002539	Tantalum	KEMET Blue Metals		MEXICO	CID002539	CFSI		Matamoros	Tamaulipas							
CID002541	Tungsten	H.C. Starck Tungsten GmbH		GERMANY	CID002541	CFSI		Goslar	Niedersachsen							

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CID002542	Tungsten	H.C. Starck Smelting GmbH & Co. KG		GERMANY	CID002542	CFSI		Laufenburg	Baden-Württemberg							
CID002543	Tungsten	Nui Phao H.C. Starck Tungsten Chemicals Manufacturing LLC		VIET NAM	CID002543	CFSI		Dai Tu	Thái Nguyên							
CID002544	Tantalum	H.C. Starck Co., Ltd.		THAILAND	CID002544	CFSI		Map Ta Phut	Rayong							
CID002545	Tantalum	H.C. Starck Tantalum and Niobium GmbH		GERMANY	CID002545	CFSI		Goslar	Niedersachsen							
CID002547	Tantalum	H.C. Starck Hermsdorf GmbH		GERMANY	CID002547	CFSI		Hermsdorf	Thüringen							
CID002548	Tantalum	H.C. Starck Inc.		UNITED STATES OF AMERICA	CID002548	CFSI		Newton	Massachusetts							
CID002549	Tantalum	H.C. Starck Ltd.		JAPAN	CID002549	CFSI		Mito	Ibaraki							
CID002550	Tantalum	H.C. Starck Smelting GmbH & Co. KG		GERMANY	CID002550	CFSI		Laufenburg	Baden-Württemberg							
CID002551	Tungsten	Jiangwu H.C. Starck Tungsten Products Co., Ltd.		CHINA	CID002551	CFSI		Ganzhou	Jiangxi							
CID002557	Tantalum	Global Advanced Metals Boyertown		UNITED STATES OF AMERICA	CID002557	CFSI		Boyertown	Pennsylvania							
CID002558	Tantalum	Global Advanced Metals Aizu		JAPAN	CID002558	CFSI		Aizuwakamatsu	Fukushima							
CID002568	Tantalum	KEMET Blue Powder		UNITED STATES OF AMERICA	CID002568	CFSI		Mound House	Nevada							
CID002570	Tin	CV Ayi Jaya		INDONESIA	CID002570	CFSI		Sungailiat	Kepulauan Bangka Belitung							
CID002572	Tin	Electro-Mechanical Facility of the Cao Bang Minerals & Metallurgy Joint Stock Company		VIET NAM	CID002572	CFSI		Tinh Tuc	Cao Bằng							
CID002573	Tin	Nghe Tinh Non-Ferrous Metals Joint Stock Company		VIET NAM	CID002573	CFSI		Quy Hop	Nghệ An							
CID002574	Tin	Tuyen Quang Non-Ferrous Metals Joint Stock Company		VIET NAM	CID002574	CFSI		Tan Quang	Tuyên Quang							
CID002579	Tungsten	Hunan Chuangde Vanadium Tungsten Co., Ltd. Wuji		CHINA	CID002579	CFSI		Hengyang	Hunan							
CID002589	Tungsten	Niagara Refining LLC		UNITED STATES OF AMERICA	CID002589	CFSI		Depew	New York							
CID002592	Tin	CV Dua Sekawan		INDONESIA	CID002592	CFSI		Pangkal Pinang	Kepulauan Bangka Belitung							
CID002593	Tin	CV Tiga Sekawan		INDONESIA	CID002593	CFSI		Pangkal Pinang	Kepulauan Bangka Belitung							
CID002645	Tungsten	Ganzhou Haichuang Tungsten Co., Ltd.		CHINA	CID002645	CFSI		Ganzhou	Jiangxi							
CID002647	Tungsten	Jiangxi Dayu Longxintai Tungsten Co., Ltd.		CHINA	CID002647	CFSI		Huanglong	Jiangxi							
CID002649	Tungsten	Hydrometallurg, JSC		RUSSIAN FEDERATION	CID002649	CFSI		Nalchik	Kabardino-Balkarskaya Respublika							
CID002703	Tin	An Vinh Joint Stock Mineral Processing Company		VIET NAM	CID002703	CFSI		Quy Hop	Nghệ An							
CID002706	Tin	Resind Industria e Comercio Ltda.		BRAZIL	CID002706	CFSI		São João del Rei	Minas gerais							
CID002707	Tantalum	Resind Industria e Comercio Ltda.		BRAZIL	CID002707	CFSI		São João del Rei	Minas gerais							
CID002757	Tin	PT O.M. Indonesia		INDONESIA	CID002757	CFSI		Bekasi	Jawa Barat							
CID002773	Tin	Metallo Belgium N.V.		BELGIUM	CID002773	CFSI		Beerse	Antwerpen							
CID002774	Tin	Metallo Spain S.L.U.		SPAIN	CID002774	CFSI		Berango	Bizkaia							
CID002776	Tin	PT Bangka Prima Tin		INDONESIA	CID002776	CFSI		Air Mesu	Kepulauan Bangka Belitung							
CID002815	Tungsten	South-East Nonferrous Metal Company Limited of Hengyang City		CHINA	CID002815	CFSI		Hengyang	Hunan							
CID002816	Tin	PT Sukses Inti Makmur		INDONESIA	CID002816	CFSI		Sungai Samak	Kepulauan Bangka Belitung							
CID002827	Tungsten	Philippine Chuangxin Industrial Co., Inc.		PHILIPPINES	CID002827	CFSI		Marilao	Bulacan							
CID002829	Tin	PT Kijang Jaya Mandiri		INDONESIA	CID002829	CFSI		Sungailiat	Kepulauan Bangka Belitung							
CID002830	Tungsten	Xinfeng Huarui Tungsten & Molybdenum New Material Co., Ltd.		CHINA	CID002830	CFSI		Ganzhou	Jiangxi							
CID002835	Tin	PT Menara Cipta Mulia		INDONESIA	CID002835	CFSI		Mentawak	Kepulauan Bangka Belitung							
CID002842	Tantalum	Jiangxi Tuohong New Raw Material		CHINA	CID002842	CFSI		Yichun	Jiangxi							
CID002843	Tungsten	Wolbech Korea Co., Ltd.		KOREA, REPUBLIC OF	CID002843	CFSI		Gyeongju-si	Gyeongsangbuk-do							
CID002844	Tin	HuiChang Hill Tin Industry Co., Ltd.		CHINA	CID002844	CFSI		Ganzhou	Jiangxi							
CID002847	Tantalum	Power Resources Ltd.		MACEDONIA, THE FORMER YUGOSLAV REPUBLIC OF	CID002847	CFSI		Skopje	Skopje							
CID002848	Tin	Gejiu Fengming Metallurgy Chemical Plant		CHINA	CID002848	CFSI		Gejiu	Yunnan							
CID002849	Tin	Guanyang Guida Nonferrous Metal Smelting Plant		CHINA	CID002849	CFSI		Guanyang	Guangxi							
CID002858	Tin	Modeltech Sdn Bhd		MALAYSIA	CID002858	CFSI		Kawasan Perindustrian Bukit Rambai	Melaka							
CID002859	Tin	Gejiu Jinye Mineral Company		CHINA	CID002859	CFSI		Jijie	Yunnan							
CID002870	Tin	PT Lautan Harmonis Sejahtera		INDONESIA	CID002870	CFSI		Pasir Putih	Kepulauan Bangka Belitung							
CID001458	Tin	PT Prima Timah Utama		INDONESIA	CID001458	CFSI		Pangkal Pinang	Kepulauan Bangka Belitung							
CID001468	Tin	PT Stanindo Inti Perkasa		INDONESIA	CID001468	CFSI		Pangkal Pinang	Kepulauan Bangka Belitung							
CID001463	Tin	PT Sariwiguna Binasentosa		INDONESIA	CID001463	CFSI		Pangkal Pinang	Kepulauan Bangka Belitung							
CID001434	Tin	PT DS Jaya Abadi		INDONESIA	CID001434	CFSI		Pangkal Pinang	Kepulauan Bangka Belitung							
CID001460	Tin	PT Refined Bangka Tin		INDONESIA	CID001460	CFSI		Sungailiat	Kepulauan Bangka Belitung							

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CID001490	Tin	PT Tinindo Inter Nusa		INDONESIA	CID001490	CFSI		Pangkal Pinang	Kepulauan Bangka Belitung							
CID001421	Tin	PT Belitung Industri Sejahtera		INDONESIA	CID001421	CFSI		Pegantungan	Kepulauan Bangka Belitung							
CID002773	Tin	Metallo Belgium N.V.		BELGIUM	CID002773	CFSI		Beerse	Antwerpen							
CID000438	Tin	EM Vinto		BOLIVIA (PLURINATIONAL STATE OF)	CID000438	CFSI		Oruro	Oruro							
CID001182	Tin	Minsur		PERU	CID001182	CFSI		Paracas	Ica							
CID001173	Tin	Mineracao Taboca S.A.		BRAZIL	CID001173	CFSI		Bairro Guarapiranga	São Paulo							
CID001898	Tin	Thaisarco		THAILAND	CID001898	CFSI		Amphur Muang	Phuket							
CID001477	Tin	PT Timah (Persero) Tbk Kundur		INDONESIA	CID001477	CFSI		Kundur	Riau							
CID001482	Tin	PT Timah (Persero) Tbk Mentok		INDONESIA	CID001482	CFSI		Mentok	Kepulauan Bangka Belitung							
CID001105	Tin	Malaysia Smelting Corporation (MSC)		MALAYSIA	CID001105	CFSI		Butterworth	Pulau Pinang							
CID000315	Tin	CV United Smelting		INDONESIA	CID000315	CFSI		Pangkal Pinang	Kepulauan Bangka Belitung							
CID000468	Tin	Fenix Metals		POLAND	CID000468	CFSI		Chmielów	Podkarpackie							
CID001453	Tin	PT Mitra Stania Prima		INDONESIA	CID001453	CFSI		Sungailiat	Kepulauan Bangka Belitung							
CID002180	Tin	Yunnan Tin Company Limited		CHINA	CID002180	CFSI		Gejiu	Yunnan							
CID002530	Tin	PT Inti Stania Prima		INDONESIA	CID002530	CFSI		Sungailiat	Kepulauan Bangka Belitung							

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To ensure all required fields have been populated before submitting to your customers review form for any line items highlighted in red

Required fields remaining to be completed
#N/A

Click here to return to Declaration tab Click here to return to Smelter List

Required Fields	Answer provided	Notes	Hyperlink to source
Company Name (*):	PBM, Inc.	Complete	
Declaration Scope or Class (*):	C. User defined [Specify in 'Description of scope']	Complete	
Description of Scope: (*)	Ball Valves	Complete	
Contact Name (*):	Tim Hahn	Complete	
Email – Contact (*):	Thahn@pbmvalve.com	Complete	
Phone – Contact (*):	724-863-0550	Complete	
Authorizer (*):	Tim Hahn	Complete	
Email - Authorizer (*):	Thahn@pbmvalve.com	Complete	
Phone - Authorizer (*):	724-863-0550	Complete	
Effective Date (*):	1-Apr-2020	Complete	
1) Is any 3TG intentionally added or used in the product(s) or in the production process? (*)			
Tantalum (*)	Yes	Complete	
Tin (*)	Yes	Complete	
Gold	No	Complete	
Tungsten (*)	Yes	Complete	
2) Does any 3TG remain in the product(s)? (*)			
Tantalum (*)	Yes	Complete	
Tin (*)	Yes	Complete	
Gold		Complete	
Tungsten (*)	Yes	Complete	
3) Do any of the smelters in your supply chain source the 3TG from the covered countries? (SEC term, see definitions tab) (*)			
Tantalum (*)	No	Complete	
Tin (*)	No	Complete	
Gold		Complete	
Tungsten (*)	No	Complete	
4) Does 100 percent of the 3TG (necessary to the functionality or production of your products) originate from recycled or scrap sources? (*)			
Tantalum (*)	Unknown	Complete	
Tin (*)	Unknown	Complete	
Gold		Complete	
Tungsten (*)	Unknown	Complete	
5) What percentage of relevant suppliers have provided a response to your supply chain survey? (*)			
Tantalum (*)	1	Complete	
Tin (*)	1	Complete	
Gold		Complete	

Tungsten (*)	1	Complete	
6) Have you identified all of the smelters supplying the 3TG to your supply chain? (*)			
Tantalum (*)	Yes	Complete	
Tin (*)	Yes	Complete	
Gold		Complete	
Tungsten (*)	Yes	Complete	
7) Has all applicable smelter information received by your company been reported in this declaration? (*)			
Tantalum (*)	Yes	Complete	
Tin (*)	Yes	Complete	
Gold		Complete	
Tungsten (*)	Yes	Complete	
Question			
A. Have you established a conflict minerals sourcing policy? (*)	Yes	Complete	
B. Is your conflict minerals sourcing policy publicly available on your website? (Note – If yes, the user shall specify the URL in the comment field.) (*)	Yes	Complete	
The URL in the comment field	http://www.pbmvalve.com/sites/default/files/pdf/Conflict Minerals Statement pbm 16 pdf	Complete	
C. Do you require your direct suppliers to be DRC conflict-free? (*)	Yes	Complete	
D. Do you require your direct suppliers to source the 3TG from smelters whose due diligence practices have been validated by an independent third party audit program? (*)	Yes	Complete	
E. Have you implemented due diligence measures for conflict-free sourcing? (*)	Yes	Complete	
F. Does your company conduct Conflict Minerals survey(s) of your relevant supplier(s)? (*)	Yes, using other format (describe)	Complete	
G. Do you review due diligence information received from your suppliers against your company's expectations? (*)	Yes	Complete	
H. Does your review process include corrective action management? (*)	Yes	Complete	
I. Is your company required to file an annual conflict minerals disclosure with the SEC? (*)	No	Complete	
Product List	No products or item numbers listed	Complete	
Smelter List - Tantalum		Complete	
Smelter List - Tin		Complete	
Smelter List - Gold		Not Required	
Smelter List - Tungsten		Complete	
All rows with "Smelter not listed" selected, have a name and country listed		#N/A	

Completion required only if reporting level "Product (or List of Products)" selected on the 'Declaration' worksheet.

Click here to return to Declaration tab

Manufacturer's Product Number (*)	Manufacturer's Product Name	Comments

Manufacturer's Product Number (*)	Manufacturer's Product Name	Comments

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Manufacturer’s Product Number (*)	Manufacturer’s Product Name	Comments

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The following list represents the RMI's latest smelter name/alias information as of this templates release. This list is updated frequently, and the most up-to-date version can be found on the RMI website http://www.responsiblemineralsinitiative.org/responsible-minerals-assurance-process/exports/cmrt-export/. The presence of a smelter here is NOT a guarantee that it is currently Active or Conformant within the Responsible Minerals Assurance Process.

Please refer to the RMI web site www.responsiblemineralsinitiative.org for the most current and accurate list of standard smelter names that are Active or Conformant.

Names included in column B represent company names that are commonly recognized and reported by the supply chain for a particular smelter. These names may include former company names, alternate names, abbreviations, or other variations. Although the names may not be the RMI Standard Smelter Name, the reference names are helpful to identify the smelter, which is listed under column C in the Smelter Look-up.

Column C is the list of the official standard smelter names, in the ASCII character set. The majority of smelters will have the same entry for both columns, however if the common name varies from the standard name, the variation is noted in Column B.

Metal	Smelter Look-up (*)	Standard Smelter Names	Smelter Facility Location: Country	Smelter ID	Source of Smelter Identification Number	Smelter Street	Smelter City	Smelter Facility Location: State / Province
Gold	8853 S.p.A.	8853 S.p.A.	ITALY	CID002763	RMI		Pero	Lombardia
Gold	Abington Reldan Metals, LLC	Abington Reldan Metals, LLC	UNITED STATES OF AMERICA	CID002708	RMI		Fairless Hills	Pennsylvania
Gold	Advanced Chemical Company	Advanced Chemical Company	UNITED STATES OF AMERICA	CID000015	RMI		Warwick	Rhode Island
Gold	African Gold Refinery	African Gold Refinery	UGANDA	CID003185	RMI		Entebbe	Wakiso
Gold	AGR (Perth Mint Australia)	Western Australian Mint (T/a The Perth Mint)	AUSTRALIA	CID002030	RMI		Newburn	Western Australia
Gold	AGR Mathey	Western Australian Mint (T/a The Perth Mint)	AUSTRALIA	CID002030	RMI		Newburn	Western Australia
Gold	Aida Chemical Industries Co., Ltd.	Aida Chemical Industries Co., Ltd.	JAPAN	CID000019	RMI		Fuchu	Tokyo
Gold	Al Etihad Gold LLC	Al Etihad Gold Refinery DMCC	UNITED ARAB EMIRATES	CID002560	RMI		Dubai	Dubayy
Gold	Al Etihad Gold Refinery DMCC	Al Etihad Gold Refinery DMCC	UNITED ARAB EMIRATES	CID002560	RMI		Dubai	Dubayy
Gold	Allgemeine Gold-und Silberscheideanstalt A.G.	Allgemeine Gold-und Silberscheideanstalt A.G.	GERMANY	CID000035	RMI		Pforzheim	Baden-Württemberg
Gold	Almalyk Mining and Metallurgical Complex (AMMC)	Almalyk Mining and Metallurgical Complex (AMMC)	UZBEKISTAN	CID000041	RMI		Almalyk	Toshkent
Gold	Amagasaki Factory, Hyogo Prefecture, Japan	Asahi Pretec Corp.	JAPAN	CID000082	RMI		Kobe	Hyogo
Gold	AngloGold Ashanti Brazil	AngloGold Ashanti Corrego do Sitio Mineracao	BRAZIL	CID000058	RMI		Nova Lima	Minas Gerais
Gold	AngloGold Ashanti Corrego do Sitio Mineracao	AngloGold Ashanti Corrego do Sitio Mineracao	BRAZIL	CID000058	RMI		Nova Lima	Minas Gerais
Gold	AngloGold Ashanti Córrego do Sítio Mineração	AngloGold Ashanti Corrego do Sitio Mineracao	BRAZIL	CID000058	RMI		Nova Lima	Minas Gerais
Gold	Anhui Tongling Nonferrous Metal Mining Co., Ltd.	Tongling Nonferrous Metals Group Co., Ltd.	CHINA	CID001947	RMI		Tongling	Anhui Sheng
Gold	ANZ (Perth Mint 4N)	Western Australian Mint (T/a The Perth Mint)	AUSTRALIA	CID002030	RMI		Newburn	Western Australia
Gold	ANZ Bank	Western Australian Mint (T/a The Perth Mint)	AUSTRALIA	CID002030	RMI		Newburn	Western Australia
Gold	Argor-Heraeus S.A.	Argor-Heraeus S.A.	SWITZERLAND	CID000077	RMI		Mendrisio	Ticino
Gold	Asahi Pretec Corp.	Asahi Pretec Corp.	JAPAN	CID000082	RMI		Kobe	Hyogo
Gold	Asahi Refining Canada Ltd.	Asahi Refining Canada Ltd.	CANADA	CID000924	RMI		Brampton	Ontario
Gold	Asahi Refining USA Inc.	Asahi Refining USA Inc.	UNITED STATES OF AMERICA	CID000920	RMI		Salt Lake City	Utah
Gold	Asaka Riken Co., Ltd.	Asaka Riken Co., Ltd.	JAPAN	CID000090	RMI		Tamura	Fukushima
Gold	ATAkulche	Atasay Kuyumculuk Sanayi Ve Ticaret A.S.	TURKEY	CID000103	RMI		Istanbul	İstanbul
Gold	Atasay Kuyumculuk Sanayi Ve Ticaret A.S.	Atasay Kuyumculuk Sanayi Ve Ticaret A.S.	TURKEY	CID000103	RMI		Istanbul	İstanbul
Gold	AU Traders and Refiners	AU Traders and Refiners	SOUTH AFRICA	CID002850	RMI		Johannesburg	Gauteng
Gold	Aurubis AG	Aurubis AG	GERMANY	CID000113	RMI		Hamburg	Hamburg
Gold	BALORE REFINERSGA	Bangalore Refinery	INDIA	CID002863	RMI		Bangalore	Karnataka
Gold	Bangalore Refinery	Bangalore Refinery	INDIA	CID002863	RMI		Bangalore	Karnataka
Gold	Bangalore Refinery Pvt Ltd	Bangalore Refinery	INDIA	CID002863	RMI		Bangalore	Karnataka
Gold	Bangko Sentral ng Pilipinas (Central Bank of the Phili	Bangko Sentral ng Pilipinas (Central Bank of the Philippines)	PHILIPPINES	CID000128	RMI		Quezon City	Rizal
Gold	Boliden AB	Boliden AB	SWEDEN	CID000157	RMI		Skelleftehamn	Västerbottens län [SE-24]
Gold	C. Hafner GmbH + Co. KG	C. Hafner GmbH + Co. KG	GERMANY	CID000176	RMI		Pforzheim	Baden-Württemberg
Gold	Caridad	Caridad	MEXICO	CID000180	RMI		Nacozari	Sonora
Gold	CCR	CCR Refinery - Glencore Canada Corporation	CANADA	CID000185	RMI		Montréal	Quebec
Gold	CCR Refinery - Glencore Canada Corporation	CCR Refinery - Glencore Canada Corporation	CANADA	CID000185	RMI		Montréal	Quebec
Gold	Cendres + M?taux SA	Cendres + Metaux S.A.	SWITZERLAND	CID000189	RMI		Biel-Bienne	Bern
Gold	Cendres + Metaux S.A.	Cendres + Metaux S.A.	SWITZERLAND	CID000189	RMI		Biel-Bienne	Bern
Gold	Cendres + Métaux S.A.	Cendres + Métaux S.A.	SWITZERLAND	CID000189	RMI		Biel-Bienne	Bern
Gold	Central Bank of the Philippines Gold Refinery & Mint	Bangko Sentral ng Pilipinas (Central Bank of the Philippines)	PHILIPPINES	CID000128	RMI		Quezon City	Rizal
Gold	CGR Metalloys Pvt Ltd.	CGR Metalloys Pvt Ltd.	INDIA	CID003382	RMI		Cochin	Kerala
Gold	CHALCO Yunnan Copper Co. Ltd.	Yunnan Copper Industry Co., Ltd.	CHINA	CID000197	RMI		Kunming	Yunnan Sheng
Gold	Chimet S.p.A.	Chimet S.p.A.	ITALY	CID000233	RMI		Arezzo	Toscana
Gold	China Henan Zhongyuan Gold Smelter	Zhongyuan Gold Smelter of Zhongjin Gold Corporation	CHINA	CID002224	RMI		Sanmenxia	Henan Sheng
Gold	China's Shandong Gold Mining Co., Ltd	The Refinery of Shandong Gold Mining Co., Ltd.	CHINA	CID001916	RMI		Laizhou	Shandong Sheng
Gold	Chugai Mining	Chugai Mining	JAPAN	CID000264	RMI		Chiyoda	Tokyo
Gold	Daejin Indus Co., Ltd.	Daejin Indus Co., Ltd.	KOREA, REPUBLIC OF	CID000328	RMI		Namdong-gu	Incheon-gwangyeoksi
Gold	Daejin Industry	Daejin Indus Co., Ltd.	KOREA, REPUBLIC OF	CID000328	RMI		Namdong-gu	Incheon-gwangyeoksi
Gold	Daye Non-Ferrous Metals Mining Ltd.	Daye Non-Ferrous Metals Mining Ltd.	CHINA	CID000343	RMI		Huangshi	Hubei Sheng
Gold	DEGUSSA	Degussa Sonne / Mond Goldhandel GmbH	GERMANY	CID002867	RMI		Pforzheim	Baden-Württemberg
Gold	Degussa Sonne / Mond Goldhandel GmbH	Degussa Sonne / Mond Goldhandel GmbH	GERMANY	CID002867	RMI		Pforzheim	Baden-Württemberg
Gold	Dijllah Gold Refinery FZC	Dijllah Gold Refinery FZC	UNITED ARAB EMIRATES	CID003348	RMI		Sharjah	Ash Shāriqah
Gold	Do Sung Corporation	DSC (Do Sung Corporation)	KOREA, REPUBLIC OF	CID000359	RMI		Gimpo	Gyeonggi-do
Gold	Doduco	DODUCO Contacts and Refining GmbH	GERMANY	CID000362	RMI		Pforzheim	Baden-Württemberg
Gold	DODUCO Contacts and Refining GmbH	DODUCO Contacts and Refining GmbH	GERMANY	CID000362	RMI		Pforzheim	Baden-Württemberg
Gold	Dosung metal	DSC (Do Sung Corporation)	KOREA, REPUBLIC OF	CID000359	RMI		Gimpo	Gyeonggi-do
Gold	Dowa	Dowa	JAPAN	CID000401	RMI		Kosaka	Akita
Gold	Dowa Kogyo k.k.	Dowa	JAPAN	CID000401	RMI		Kosaka	Akita
Gold	Dowa Metalmine Co. Ltd	Dowa	JAPAN	CID000401	RMI		Kosaka	Akita
Gold	Dowa Metals & Mining Co. Ltd	Dowa	JAPAN	CID000401	RMI		Kosaka	Akita
Gold	DS PRETECH Co., Ltd.	DS PRETECH Co., Ltd.	KOREA, REPUBLIC OF	CID003195	RMI		Chopyeong-myeon	Chungcheongbuk-do
Gold	DSC (Do Sung Corporation)	DSC (Do Sung Corporation)	KOREA, REPUBLIC OF	CID000359	RMI		Gimpo	Gyeonggi-do
Gold	Eco-System Recycling Co., Ltd.	Eco-System Recycling Co., Ltd.	JAPAN	CID000425	RMI		Honjo	Saitama
Gold	Emirates Gold DMCC	Emirates Gold DMCC	UNITED ARAB EMIRATES	CID002561	RMI		Dubai	Dubayy
Gold	Federal State Unitary Enterprise Moscow Special Proc	Moscow Special Alloys Processing Plant	RUSSIAN FEDERATION	CID001204	RMI		Obrucheva	Moskva
Gold	Fidelity Printers and Refiners Ltd.	Fidelity Printers and Refiners Ltd.	ZIMBABWE	CID002515	RMI		Msasa	Harare
Gold	FSE Novosibirsk Refinery	OJSC Novosibirsk Refinery	RUSSIAN FEDERATION	CID000493	RMI		Novosibirsk	Novosibirskaya oblast'
Gold	Fujairah Gold FZC	Fujairah Gold FZC	UNITED ARAB EMIRATES	CID002584	RMI		Fujairah	Al Fujayrah
Gold	Fujian Zijin mining stock company gold smelter	Gold Refinery of Zijin Mining Group Co., Ltd.	CHINA	CID002243	RMI		Shanghang	Fujian Sheng
Gold	GCC Gujrat Gold Centre Pvt. Ltd.	GCC Gujrat Gold Centre Pvt. Ltd.	INDIA	CID002852	RMI		Ahmedabad	Gujarat
Gold	Geib Refining Corporation	Geib Refining Corporation	UNITED STATES OF AMERICA	CID002459	RMI		Warwick	Rhode Island
Gold	Gold Mining in Shandong (Laizhou) Limited Company	The Refinery of Shandong Gold Mining Co., Ltd.	CHINA	CID001916	RMI		Laizhou	Shandong Sheng
Gold	Gold Refinery of Zijin Mining Group Co., Ltd.	Gold Refinery of Zijin Mining Group Co., Ltd.	CHINA	CID002243	RMI		Shanghang	Fujian Sheng
Gold	Great Wall Precious Metals Co,. LTD.	Great Wall Precious Metals Co., Ltd. of CBPM	CHINA	CID001909	RMI		Chengdu	Sichuan Sheng
Gold	Great Wall Precious Metals Co., Ltd. of CBPM	Great Wall Precious Metals Co., Ltd. of CBPM	CHINA	CID001909	RMI		Chengdu	Sichuan Sheng
Gold	Guangdong Gaoyao Co	Guangdong Jinding Gold Limited	CHINA	CID002312	RMI		Guangzhou	Guangdong Sheng
Gold	Guangdong Jinding Gold Limited	Guangdong Jinding Gold Limited	CHINA	CID002312	RMI		Guangzhou	Guangdong Sheng
Gold	Gujarat Gold Centre	GCC Gujrat Gold Centre Pvt. Ltd.	INDIA	CID002852	RMI		Ahmedabad	Gujarat
Gold	Guoda Safina High-Tech Environmental Refinery Co.,	Guoda Safina High-Tech Environmental Refinery Co., Ltd.	CHINA	CID000651	RMI		Zhaoyuan	Shandong Sheng
Gold	Hangzhou Fuchunjiang Smelting Co., Ltd.	Hangzhou Fuchunjiang Smelting Co., Ltd.	CHINA	CID000671	RMI		Fuyang	Zhejiang Sheng
Gold	HeeSung Metal Ltd.	HeeSung Metal Ltd.	KOREA, REPUBLIC OF	CID000689	RMI		Seo-gu	Incheon-gwangyeoksi
Gold	Heimerle + Meule GmbH	Heimerle + Meule GmbH	GERMANY	CID000694	RMI		Pforzheim	Baden-Württemberg
Gold	Henan Zhongyuan Gold Refinery Co., Ltd.	Zhongyuan Gold Smelter of Zhongjin Gold Corporation	CHINA	CID002224	RMI		Sanmenxia	Henan Sheng
Gold	Henan Zhongyuan Gold Smelter of Zhongjin Gold Co	Zhongyuan Gold Smelter of Zhongjin Gold Corporation	CHINA	CID002224	RMI		Sanmenxia	Henan Sheng
Gold	Henan Zhongyuan Gold Smelter of Zhongjin Gold Co	Zhongyuan Gold Smelter of Zhongjin Gold Corporation	CHINA	CID002224	RMI		Sanmenxia	Henan Sheng
Gold	Heraeus Ltd. Hong Kong	Heraeus Metals Hong Kong Ltd.	CHINA	CID000707	RMI		Fanling	Hong Kong SAR
Gold	Heraeus Metals Hong Kong Ltd.	Heraeus Metals Hong Kong Ltd.	CHINA	CID000707	RMI		Fanling	Hong Kong SAR
Gold	Heraeus Precious Metals GmbH & Co. KG	Heraeus Precious Metals GmbH & Co. KG	GERMANY	CID000711	RMI		Hanau	Hessen
Gold	Hunan Chenzhou Mining Co., Ltd.	Hunan Chenzhou Mining Co., Ltd.	CHINA	CID000767	RMI		Yuanling	Hunan Sheng
Gold	Hunan Chenzhou Mining Group Co., Ltd.	Hunan Chenzhou Mining Co., Ltd.	CHINA	CID000767	RMI		Yuanling	Hunan Sheng
Gold	Hunan Chenzhou Mining Industry Co. Ltd.	Hunan Chenzhou Mining Co., Ltd.	CHINA	CID000767	RMI		Yuanling	Hunan Sheng
Gold	Hunan Guiyang yinxing Nonferrous Smelting Co., Ltd	Hunan Guiyang yinxing Nonferrous Smelting Co., Ltd.	CHINA	CID000773	RMI		Chenzhou	Hunan Sheng
Gold	Hunan Yu Teng Non-Ferrous Metals Co., Ltd.	Hunan Guiyang yinxing Nonferrous Smelting Co., Ltd.	CHINA	CID000773	RMI		Chenzhou	Hunan Sheng
Gold	HwaSeong CJ CO., LTD.	HwaSeong CJ CO., LTD.	KOREA, REPUBLIC OF	CID000778	RMI		Danwon	Gyeonggi-do
Gold	Inner Mongolia Qiankun Gold and Silver Refinery Sha	Inner Mongolia Qiankun Gold and Silver Refinery Share Co., Ltd.	CHINA	CID000801	RMI		Hohhot	Nei Mongol Zizhiqu
Gold	International Precious Metal Refiners	International Precious Metal Refiners	UNITED ARAB EMIRATES	CID002562	RMI		Dubai	Dubayy
Gold	Ishifuku Metal Industry Co., Ltd.	Ishifuku Metal Industry Co., Ltd.	JAPAN	CID000807	RMI		Soka	Saitama
Gold	Istanbul Gold Refinery	Istanbul Gold Refinery	TURKEY	CID000814	RMI		Kuyumcukent	İstanbul
Gold	Italpreziosi	Italpreziosi	ITALY	CID002765	RMI		Arezzo	Toscana
Gold	Japan Mint	Japan Mint	JAPAN	CID000823	RMI		Osaka	Osaka
Gold	JCC	Jiangxi Copper Co., Ltd.	CHINA	CID000855	RMI		Guixi City	Jiangxi Sheng
Gold	Jiangxi Copper Co., Ltd.	Jiangxi Copper Co., Ltd.	CHINA	CID000855	RMI		Guixi City	Jiangxi Sheng
Gold	Johnson Matthey Canada	Asahi Refining Canada Ltd.	CANADA	CID000924	RMI		Brampton	Ontario
Gold	Johnson Matthey Inc.	Asahi Refining USA Inc.	UNITED STATES OF AMERICA	CID000920	RMI		Salt Lake City	Utah
Gold	Johnson Matthey Inc. (USA)	Asahi Refining USA Inc.	UNITED STATES OF AMERICA	CID000920	RMI		Salt Lake City	Utah
Gold	Johnson Matthey Limited	Asahi Refining Canada Ltd.	CANADA	CID000924	RMI		Brampton	Ontario
Gold	JSC Ekaterinburg Non-Ferrous Metal Processing Plant	JSC Ekaterinburg Non-Ferrous Metal Processing Plant	RUSSIAN FEDERATION	CID000927	RMI		Verkhnyaya Pyshma	Sverdlovskaya oblast'
Gold	JSC Uralelectromed	JSC Uralelectromed	RUSSIAN FEDERATION	CID000929	RMI		Verkhnyaya Pyshma	Sverdlovskaya oblast'
Gold	JX Nippon Mining & Metals Co., Ltd.	JX Nippon Mining & Metals Co., Ltd.	JAPAN	CID000937	RMI		Ōita	Ōita
Gold	Kaloti Precious Metals	Kaloti Precious Metals	UNITED ARAB EMIRATES	CID002563	RMI		Dubai	Dubayy
Gold	Kazakhmys Smelting LLC	Kazakhmys Smelting LLC	KAZAKHSTAN	CID000956	RMI		Balkhash	Qaraghandy oblysy
Gold	Kazzinc	Kazzinc	KAZAKHSTAN	CID000957	RMI		Ust-Kamenogorsk	Qaraghandy oblysy
Gold	Kennecott Utah Copper LLC	Kennecott Utah Copper LLC	UNITED STATES OF AMERICA	CID000969	RMI		Magna	Utah
Gold	KGHM Polska Miedz S.A.	KGHM Polska Miedz Spolka Akcyjna	POLAND	CID002511	RMI		Lubin	Dolnośląskie
Gold	KGHM Polska Miedz Spolka Akcyjna	KGHM Polska Miedz Spolka Akcyjna	POLAND	CID002511	RMI		Lubin	Dolnośląskie
Gold	KGHM Polska Miedź Spółka Akcyjna	KGHM Polska Miedz Spolka Akcyjna	POLAND	CID002511	RMI		Lubin	Dolnośląskie
Gold	Kojima Chemicals Co., Ltd.	Kojima Chemicals Co., Ltd.	JAPAN	CID000981	RMI		Sayama	Saitama
Gold	Kojima Kagaku Yakuhin Co., Ltd	Kojima Chemicals Co., Ltd.	JAPAN	CID000981	RMI		Sayama	Saitama
Gold	Kombinat Gorniczo Hutniczy Miedz Polska Miedz S.A.	KGHM Polska Miedz Spolka Akcyjna	POLAND	CID002511	RMI		Lubin	Dolnośląskie

Gold	Korea Zinc Co., Ltd.	Korea Zinc Co., Ltd.	KOREA, REPUBLIC OF	CID002605	RMI		Gangnam	Seoul-teukbyeolsi
Gold	KUC	Kennecott Utah Copper LLC	UNITED STATES OF AMERICA	CID000969	RMI		Magna	Utah
Gold	Kyrgyzaltyn JSC	Kyrgyzaltyn JSC	KYRGYZSTAN	CID001029	RMI		Bishkek	Chüy
Gold	Kyshtym Copper-Electrolytic Plant ZAO	Kyshtym Copper-Electrolytic Plant ZAO	RUSSIAN FEDERATION	CID002865	RMI		Kyshtym	Chelyabinskaya oblast'
Gold	La Caridad	Caridad	MEXICO	CID000180	RMI		Nacozari	Sonora
Gold	LAIZHOU SHANDONG	The Refinery of Shandong Gold Mining Co., Ltd.	CHINA	CID001916	RMI		Laizhou	Shandong Sheng
Gold	L'azurde Company For Jewelry	L'azurde Company For Jewelry	SAUDI ARABIA	CID001032	RMI		Riyadh	Ar Riyāḍ
Gold	LinBao Gold Mining	Lingbao Gold Co., Ltd.	CHINA	CID001056	RMI		Lingbao	Henan Sheng
Gold	Lingbao Gold Co., Ltd.	Lingbao Gold Co., Ltd.	CHINA	CID001056	RMI		Lingbao	Henan Sheng
Gold	Lingbao Jinyuan Tonghui Refinery Co., Ltd.	Lingbao Jinyuan Tonghui Refinery Co., Ltd.	CHINA	CID001058	RMI		Lingbao	Henan Sheng
Gold	L'Orfebre S.A.	L'Orfebre S.A.	ANDORRA	CID002762	RMI		Andorra la Vella	Andorra la Vella
Gold	LS-NIKKO Copper Inc.	LS-NIKKO Copper Inc.	KOREA, REPUBLIC OF	CID001078	RMI		Onsan-eup	Ulsan-gwangyeoksi
Gold	Luoyang Zijin Yinhui Gold Refinery Co., Ltd.	Luoyang Zijin Yinhui Gold Refinery Co., Ltd.	CHINA	CID001093	RMI		Luoyang	Henan Sheng
Gold	Luoyang Zijin Yinhui Gold Smelting	Luoyang Zijin Yinhui Gold Refinery Co., Ltd.	CHINA	CID001093	RMI		Luoyang	Henan Sheng
Gold	Luoyang Zijin Yinhui Metal Smelt Co Ltd	Luoyang Zijin Yinhui Gold Refinery Co., Ltd.	CHINA	CID001093	RMI		Luoyang	Henan Sheng
Gold	Marsam Metals	Marsam Metals	BRAZIL	CID002606	RMI		Sao Paulo	São Paulo
Gold	Materion	Materion	UNITED STATES OF AMERICA	CID001113	RMI		Buffalo	New York
Gold	Matsuda Sangyo Co., Ltd.	Matsuda Sangyo Co., Ltd.	JAPAN	CID001119	RMI		Iruma	Saitama
Gold	MEM(Sumitomo Group)	Sumitomo Metal Mining Co., Ltd.	JAPAN	CID001798	RMI		Saijo	Ehime
Gold	Metal?rgica Met-Mex Pe?oles, S.A. de C.V	Metalurgica Met-Mex Penoles S.A. De C.V.	MEXICO	CID001161	RMI		Torreon	Coahuila de Zaragoza
Gold	Metallurgie Hoboken Overpelt	Umicore S.A. Business Unit Precious Metals Refining	BELGIUM	CID001980	RMI		Hoboken	Antwerpen
Gold	Metalor Switzerland	Metalor Technologies S.A.	SWITZERLAND	CID001153	RMI		Marin	Neuchâtel
Gold	Metalor Technologies (Hong Kong) Ltd.	Metalor Technologies (Hong Kong) Ltd.	CHINA	CID001149	RMI		Kwai Chung	Hong Kong SAR
Gold	Metalor Technologies (Singapore) Pte., Ltd.	Metalor Technologies (Singapore) Pte., Ltd.	SINGAPORE	CID001152	RMI		Singapore	South West
Gold	Metalor Technologies (Suzhou) Ltd.	Metalor Technologies (Suzhou) Ltd.	CHINA	CID001147	RMI		Suzhou	Jiangsu Sheng
Gold	Metalor Technologies S.A.	Metalor Technologies S.A.	SWITZERLAND	CID001153	RMI		Marin	Neuchâtel
Gold	Metalor USA Refining Corporation	Metalor USA Refining Corporation	UNITED STATES OF AMERICA	CID001157	RMI		North Attleboro	Massachusetts
Gold	Metalurgica Met-Mex Penoles S.A. De C.V.	Metalurgica Met-Mex Penoles S.A. De C.V.	MEXICO	CID001161	RMI		Torreon	Coahuila de Zaragoza
Gold	Metalúrgica Met-Mex Peñoles S.A. De C.V.	Metalurgica Met-Mex Penoles S.A. De C.V.	MEXICO	CID001161	RMI		Torreon	Coahuila de Zaragoza
Gold	Met-Mex Pe?oles, S.A.	Metalurgica Met-Mex Penoles S.A. De C.V.	MEXICO	CID001161	RMI		Torreon	Coahuila de Zaragoza
Gold	Met-Mex Penoles, S.A.	Metalurgica Met-Mex Penoles S.A. De C.V.	MEXICO	CID001161	RMI		Torreon	Coahuila de Zaragoza
Gold	Mitsubishi Materials Corporation	Mitsubishi Materials Corporation	JAPAN	CID001188	RMI		Naoshima	Kagawa
Gold	Mitsui Kinzoku Co., Ltd.	Mitsui Mining and Smelting Co., Ltd.	JAPAN	CID001193	RMI		Takehara	Hiroshima
Gold	Mitsui Mining and Smelting Co., Ltd.	Mitsui Mining and Smelting Co., Ltd.	JAPAN	CID001193	RMI		Takehara	Hiroshima
Gold	MMTC-PAMP India Pvt., Ltd.	MMTC-PAMP India Pvt., Ltd.	INDIA	CID002509	RMI		Mewat	Haryana
Gold	Modeltech Sdn Bhd	Modeltech Sdn Bhd	MALAYSIA	CID002857	RMI		Kawasan Perindustrian Bukit	Melaka
Gold	Morris and Watson	Morris and Watson	NEW ZEALAND	CID002282	RMI		Onehunga	Auckland
Gold	Morris and Watson Gold Coast	Morris and Watson Gold Coast	AUSTRALIA	CID002866	RMI		Gold Coast	Queensland
Gold	Moscow Special Alloys Processing Plant	Moscow Special Alloys Processing Plant	RUSSIAN FEDERATION	CID001204	RMI		Obrucheva	Moskva
Gold	Nadir Metal Rafineri San. Ve Tic. A.S.	Nadir Metal Rafineri San. Ve Tic. A.S.	TURKEY	CID001220	RMI		Bahçelievler	İstanbul
Gold	Nadir Metal Rafineri San. Ve Tic. A.Ş.	Nadir Metal Rafineri San. Ve Tic. A.S.	TURKEY	CID001220	RMI		Bahçelievler	İstanbul
Gold	Navoi Mining and Metallurgical Combinat	Navoi Mining and Metallurgical Combinat	UZBEKISTAN	CID001236	RMI		Navoi	Navoiy
Gold	NH Recytech Company	NH Recytech Company	KOREA, REPUBLIC OF	CID003189	RMI		Pyeongtaek-si	Gyeonggi-do
Gold	Nihon Material Co., Ltd.	Nihon Material Co., Ltd.	JAPAN	CID001259	RMI		Noda	Chiba
Gold	Niihama Toyo Smelter & Refinery	Sumitomo Metal Mining Co., Ltd.	JAPAN	CID001798	RMI		Saijo	Ehime
Gold	Norddeutsche Affinererie AG	Aurubis AG	GERMANY	CID000113	RMI		Hamburg	Hamburg
Gold	Ogussa Österreichische Gold- und Silber-Scheideanst	Ogussa Osterreichische Gold- und Silber-Scheideanstalt GmbH	AUSTRIA	CID002779	RMI		Vienna	Wien
Gold	Ogussa Österreichische Gold- und Silber-Scheideanst	Ogussa Osterreichische Gold- und Silber-Scheideanstalt GmbH	AUSTRIA	CID002779	RMI		Vienna	Wien
Gold	Ohura Precious Metal Industry Co., Ltd.	Ohura Precious Metal Industry Co., Ltd.	JAPAN	CID001325	RMI		Nara-shi	Nara
Gold	OJSC "The Gulidov Krasnoyarsk Non-Ferrous Metals	OJSC "The Gulidov Krasnoyarsk Non-Ferrous Metals Plant" (OJSC Krastsvetmet	RUSSIAN FEDERATION	CID001326	RMI		Krasnoyarsk	Krasnoyarskiy kray
Gold	OJSC Krastsvetmet	OJSC "The Gulidov Krasnoyarsk Non-Ferrous Metals Plant" (OJSC Krastsvetmet	RUSSIAN FEDERATION	CID001326	RMI		Krasnoyarsk	Krasnoyarskiy kray
Gold	OJSC Novosibirsk Refinery	OJSC Novosibirsk Refinery	RUSSIAN FEDERATION	CID000493	RMI		Novosibirsk	Novosibirskaya oblast'
Gold	PAMP S.A.	PAMP S.A.	SWITZERLAND	CID001352	RMI		Castel San Pietro	Ticino
Gold	Pan Pacific Copper Co Ltd.	JX Nippon Mining & Metals Co., Ltd.	JAPAN	CID000937	RMI		Ōita	Ōita
Gold	Pease & Curren	Pease & Curren	UNITED STATES OF AMERICA	CID002872	RMI		Warwick	Rhode Island
Gold	Penglai Penggang Gold Industry Co., Ltd.	Penglai Penggang Gold Industry Co., Ltd.	CHINA	CID001362	RMI		Penglai	Shandong Sheng
Gold	Perth Mint	Western Australian Mint (T/a The Perth Mint)	AUSTRALIA	CID002030	RMI		Newburn	Western Australia
Gold	Perth Mint (ANZ)	Western Australian Mint (T/a The Perth Mint)	AUSTRALIA	CID002030	RMI		Newburn	Western Australia
Gold	Planta Recuperadora de Metales SpA	Planta Recuperadora de Metales SpA	CHILE	CID002919	RMI		Mejillones	Antofagasta
Gold	Prioksky Plant of Non-Ferrous Metals	Prioksky Plant of Non-Ferrous Metals	RUSSIAN FEDERATION	CID001386	RMI		Kasimov	Ryazanskaya oblast'
Gold	Produits Artistiques de Métaux	PAMP S.A.	SWITZERLAND	CID001352	RMI		Castel San Pietro	Ticino
Gold	PT Aneka Tambang (Persero) Tbk	PT Aneka Tambang (Persero) Tbk	INDONESIA	CID001397	RMI		Jakarta	Jakarta Raya
Gold	PX Precinox S.A.	PX Precinox S.A.	SWITZERLAND	CID001498	RMI		La Chaux-de-Fonds	Neuchâtel
Gold	PX Précinox S.A.	PX Precinox S.A.	SWITZERLAND	CID001498	RMI		La Chaux-de-Fonds	Neuchâtel
Gold	QG Refining, LLC	QG Refining, LLC	UNITED STATES OF AMERICA	CID003324	RMI		Fairfield	Ohio
Gold	Rand Refinery (Pty) Ltd.	Rand Refinery (Pty) Ltd.	SOUTH AFRICA	CID001512	RMI		Germiston	Gauteng
Gold	Refinery LS-Nikko Copper Inc.	LS-NIKKO Copper Inc.	KOREA, REPUBLIC OF	CID001078	RMI		Onsan-eup	Ulsan-gwangyeoksi
Gold	Refinery of Seemine Gold Co., Ltd.	Refinery of Seemine Gold Co., Ltd.	CHINA	CID000522	RMI		Lanzhou	Gansu Sheng
Gold	Remondis Argentia B.V.	REMONDIS PMR B.V.	NETHERLANDS	CID002582	RMI		Moerdijk	Noord-Brabant
Gold	REMONDIS PMR B.V.	REMONDIS PMR B.V.	NETHERLANDS	CID002582	RMI		Moerdijk	Noord-Brabant
Gold	Royal Canadian Mint	Royal Canadian Mint	CANADA	CID001534	RMI		Ottawa	Ontario
Gold	SAAMP	SAAMP	FRANCE	CID002761	RMI		Paris	Île-de-France
Gold	Sabin Metal Corp.	Sabin Metal Corp.	UNITED STATES OF AMERICA	CID001546	RMI		Williston	North Dakota
Gold	Safimet S.p.A	Safimet S.p.A	ITALY	CID002973	RMI		Arezzo	Toscana
Gold	SAFINA A.S.	SAFINA A.S.	CZECHIA	CID002290	RMI		Vestec	Praha-západ
Gold	Saganoseki Smelter & Refinery	JX Nippon Mining & Metals Co., Ltd.	JAPAN	CID000937	RMI		Ōita	Ōita
Gold	Sai Refinery	Sai Refinery	INDIA	CID002853	RMI		Parwanoo	Himachal Pradesh
Gold	Samdok Metal	Samduck Precious Metals	KOREA, REPUBLIC OF	CID001555	RMI		Namdong	Incheon-gwangyeoksi
Gold	Samduck Precious Metals	Samduck Precious Metals	KOREA, REPUBLIC OF	CID001555	RMI		Namdong	Incheon-gwangyeoksi
Gold	Samwon Metals Corp.	Samwon Metals Corp.	KOREA, REPUBLIC OF	CID001562	RMI		Changwon	Gyeongsangnam-do
Gold	SAXONIA Edelmetalle GmbH	SAXONIA Edelmetalle GmbH	GERMANY	CID002777	RMI		Halsbrücke	Sachsen
Gold	SD (Samdok) Metal	Samduck Precious Metals	KOREA, REPUBLIC OF	CID001555	RMI		Namdong	Incheon-gwangyeoksi
Gold	SEMPSA Joyería Plateria S.A.	SEMPSA Joyeria Plateria S.A.	SPAIN	CID001585	RMI		Madrid	Madrid, Comunidad de
Gold	SEMPSA Joyería Platería S.A.	SEMPSA Joyeria Plateria S.A.	SPAIN	CID001585	RMI		Madrid	Madrid, Comunidad de
Gold	Sempsa JP (Cookson Sempsa)	SEMPSA Joyeria Plateria S.A.	SPAIN	CID001585	RMI		Madrid	Madrid, Comunidad de
Gold	Shandong Gold Mine(Laizhou) Smelter Co., Ltd.	The Refinery of Shandong Gold Mining Co., Ltd.	CHINA	CID001916	RMI		Laizhou	Shandong Sheng
Gold	Shandong Guoda Gold Co., Ltd.	Guoda Safina High-Tech Environmental Refinery Co., Ltd.	CHINA	CID000651	RMI		Zhaoyuan	Shandong Sheng
Gold	Shandong Humon Smelting Co., Ltd.	Shandong Humon Smelting Co., Ltd.	CHINA	CID002525	RMI		Laizhou	Shandong Sheng
Gold	Shandong middlings JinYe group Co., LTD	The Refinery of Shandong Gold Mining Co., Ltd.	CHINA	CID001916	RMI		Laizhou	Shandong Sheng
Gold	Shandong Tarzan Bio-Gold Industry Co., Ltd.	Shandong Tiancheng Biological Gold Industrial Co., Ltd.	CHINA	CID001619	RMI		Laizhou	Shandong Sheng
Gold	Shandong Tiancheng Biological Gold Industrial Co., L	Shandong Tiancheng Biological Gold Industrial Co., Ltd.	CHINA	CID001619	RMI		Laizhou	Shandong Sheng
Gold	Shandong Zhaojin Gold & Silver Refinery Co., Ltd.	Shandong Zhaojin Gold & Silver Refinery Co., Ltd.	CHINA	CID001622	RMI		Zhaoyuan	Shandong Sheng
Gold	Shangdong Gold (Laizhou)	The Refinery of Shandong Gold Mining Co., Ltd.	CHINA	CID001916	RMI		Laizhou	Shandong Sheng
Gold	Shonan Plant Tanaka Kikinzoku	Tanaka Kikinzoku Kogyo K.K.	JAPAN	CID001875	RMI		Hiratsuka	Kanagawa
Gold	Shyolkovsky	SOE Shyolkovsky Factory of Secondary Precious Metals	RUSSIAN FEDERATION	CID001756	RMI		Shyolkovo	Moskovskaja oblast'
Gold	Sichuan Tianze Precious Metals Co., Ltd.	Sichuan Tianze Precious Metals Co., Ltd.	CHINA	CID001736	RMI		Chengdu	Sichuan Sheng
Gold	Singapore Tanaka	Tanaka Kikinzoku Kogyo K.K.	JAPAN	CID001875	RMI		Hiratsuka	Kanagawa
Gold	Singway Technology Co., Ltd.	Singway Technology Co., Ltd.	TAIWAN, PROVINCE OF CHINA	CID002516	RMI		Dayuan	Taoyuan
Gold	SMM	Sumitomo Metal Mining Co., Ltd.	JAPAN	CID001798	RMI		Saijo	Ehime
Gold	SOE Shyolkovsky Factory of Secondary Precious Met	SOE Shyolkovsky Factory of Secondary Precious Metals	RUSSIAN FEDERATION	CID001756	RMI		Shyolkovo	Moskovskaja oblast'
Gold	Solar Applied Materials Technology Corp.	Solar Applied Materials Technology Corp.	TAIWAN, PROVINCE OF CHINA	CID001761	RMI		Tainan City	Tainan
Gold	SOLAR CHEMICALAPPLIED MATERIALS TECHNOLOGY	Solar Applied Materials Technology Corp.	TAIWAN, PROVINCE OF CHINA	CID001761	RMI		Tainan City	Tainan
Gold	Solartech	Solar Applied Materials Technology Corp.	TAIWAN, PROVINCE OF CHINA	CID001761	RMI		Tainan City	Tainan
Gold	Sovereign Metals	Sovereign Metals	INDIA	CID003383	RMI		Ahmedabad	Gujarat
Gold	State Research Institute Center for Physical Sciences	State Research Institute Center for Physical Sciences and Technology	LITHUANIA	CID003153	RMI		Vilnius	Vilnius
Gold	Sudan Gold Refinery	Sudan Gold Refinery	SUDAN	CID002567	RMI		Khartoum	Khartoum
Gold	Sumitomo Kinzoku Kozan K.K.	Sumitomo Metal Mining Co., Ltd.	JAPAN	CID001798	RMI		Saijo	Ehime
Gold	Sumitomo Metal Mining Co., Ltd.	Sumitomo Metal Mining Co., Ltd.	JAPAN	CID001798	RMI		Saijo	Ehime
Gold	SungEel HiMetal Co., Ltd.	SungEel HiMetal Co., Ltd.	KOREA, REPUBLIC OF	CID002918	RMI		Gunsan-si	Jeollabuk-do
Gold	SungEel HiTech	SungEel HiMetal Co., Ltd.	KOREA, REPUBLIC OF	CID002918	RMI		Gunsan-si	Jeollabuk-do
Gold	T.C.A S.p.A	T.C.A S.p.A	ITALY	CID002580	RMI		Capolona	Toscana
Gold	Takehara Refinery	Mitsui Mining and Smelting Co., Ltd.	JAPAN	CID001193	RMI		Takehara	Hiroshima
Gold	Tamano Smelter	JX Nippon Mining & Metals Co., Ltd.	JAPAN	CID000937	RMI		Ōita	Ōita
Gold	Tanaka Denshi Kogyo K.K	Tanaka Kikinzoku Kogyo K.K.	JAPAN	CID001875	RMI		Hiratsuka	Kanagawa
Gold	Tanaka Electronics (Hong Kong) Pte. Ltd.	Tanaka Kikinzoku Kogyo K.K.	JAPAN	CID001875	RMI		Hiratsuka	Kanagawa
Gold	TANAKA Electronics (Malaysia) SDN. BHD.	Tanaka Kikinzoku Kogyo K.K.	JAPAN	CID001875	RMI		Hiratsuka	Kanagawa
Gold	Tanaka Electronics (Singapore) Pte. Ltd.	Tanaka Kikinzoku Kogyo K.K.	JAPAN	CID001875	RMI		Hiratsuka	Kanagawa
Gold	Tanaka Kikinzoku International	Tanaka Kikinzoku Kogyo K.K.	JAPAN	CID001875	RMI		Hiratsuka	Kanagawa
Gold	Tanaka Kikinzoku Kogyo K.K	Tanaka Kikinzoku Kogyo K.K.	JAPAN	CID001875	RMI		Hiratsuka	Kanagawa
Gold	Tanaka Kikinzoku Kogyo K.K.	Tanaka Kikinzoku Kogyo K.K.	JAPAN	CID001875	RMI		Hiratsuka	Kanagawa
Gold	Tanaka Precious Metals	Tanaka Kikinzoku Kogyo K.K.	JAPAN	CID001875	RMI		Hiratsuka	Kanagawa
Gold	The Great Wall Gold and Silver Refinery of China	Great Wall Precious Metals Co., Ltd. of CBPM	CHINA	CID001909	RMI		Chengdu	Sichuan Sheng
Gold	The Perth Mint	Western Australian Mint (T/a The Perth Mint)	AUSTRALIA	CID002030	RMI		Newburn	Western Australia
Gold	The Refinery of Shandong Gold Mining Co., Ltd.	The Refinery of Shandong Gold Mining Co., Ltd.	CHINA	CID001916	RMI		Laizhou	Shandong Sheng
Gold	Tokuriki Honten Co., Ltd.	Tokuriki Honten Co., Ltd.	JAPAN	CID001938	RMI		Kuki	Saitama
Gold	Tongling Nonferrous Metals Group Co., Ltd.	Tongling Nonferrous Metals Group Co., Ltd.	CHINA	CID001947	RMI		Tongling	Anhui Sheng
Gold	TongLing Nonferrous Metals Group Holdings Co., Ltd.	Tongling Nonferrous Metals Group Co., Ltd.	CHINA	CID001947	RMI		Tongling	Anhui Sheng
Gold	Tony Goetz NV	Tony Goetz NV	BELGIUM	CID002587	RMI		Antwerp	Antwerpen
Gold	TOO Tau-Ken-Altyn	TOO Tau-Ken-Altyn	KAZAKHSTAN	CID002615	RMI		Astana	Almaty
Gold	Torecom	Torecom	KOREA, REPUBLIC OF	CID001955	RMI		Asan	Chungcheongnam-do
Gold	Toyo Smelter & Refinery	Sumitomo Metal Mining Co., Ltd.	JAPAN	CID001798	RMI		Saijo	Ehime
Gold	Umicore Brasil Ltda.	Umicore Brasil Ltda.	BRAZIL	CID001977	RMI		Guarulhos	São Paulo
Gold	Umicore Precious Metals Refining Hoboken	Umicore S.A. Business Unit Precious Metals Refining	BELGIUM	CID001980	RMI		Hoboken	Antwerpen
Gold	Umicore Precious Metals Thailand	Umicore Precious Metals Thailand	THAILAND	CID002314	RMI		Khwaeng Dok Mai	Krung Thep Maha Nakhon
Gold	Umicore S.A. Business Unit Precious Metals Refining	Umicore S.A. Business Unit Precious Metals Refining	BELGIUM	CID001980	RMI		Hoboken	Antwerpen
Gold	United Precious Metal Refining, Inc.	United Precious Metal Refining, Inc.	UNITED STATES OF AMERICA	CID001993	RMI		Alden	New York
Gold	Universal Precious Metals Refining Zambia	Universal Precious Metals Refining Zambia	ZAMBIA	CID002854	RMI		Lusaka	Lusaka
Gold	Valcambi S.A.	Valcambi S.A.	SWITZERLAND	CID002003	RMI		Balerna	Ticino

Gold	Western Australian Mint (T/a The Perth Mint)	Western Australian Mint (T/a The Perth Mint)	AUSTRALIA	CID002030	RMI	Newburn	Western Australia
Gold	WIELAND Edelmetalle GmbH	WIELAND Edelmetalle GmbH	GERMANY	CID002778	RMI	Pforzheim	Baden-Württemberg
Gold	Williams Advanced Materials	Materion	UNITED STATES OF AMERICA	CID001113	RMI	Buffalo	New York
Gold	Xstrata	CCR Refinery - Glencore Canada Corporation	CANADA	CID000185	RMI	Montréal	Quebec
Gold	Yamakin Co., Ltd.	Yamakin Co., Ltd.	JAPAN	CID002100	RMI	Konan	Kochi
Gold	Yamamoto Precious Co., Ltd.	Yamakin Co., Ltd.	JAPAN	CID002100	RMI	Konan	Kochi
Gold	Yamamoto Precious Metal Co., Ltd.	Yamakin Co., Ltd.	JAPAN	CID002100	RMI	Konan	Kochi
Gold	Yamamoto Precision Metals	Yamakin Co., Ltd.	JAPAN	CID002100	RMI	Konan	Kochi
Gold	Yantai NUS Safina tech environmental Refinery Co. L	Guoda Safina High-Tech Environmental Refinery Co., Ltd.	CHINA	CID000651	RMI	Zhaoyuan	Shandong Sheng
Gold	Yokohama Metal Co., Ltd.	Yokohama Metal Co., Ltd.	JAPAN	CID002129	RMI	Sagamihara	Kanagawa
Gold	Yunnan Copper Industry Co., Ltd.	Yunnan Copper Industry Co., Ltd.	CHINA	CID000197	RMI	Kunming	Yunnan Sheng
Gold	Zhao Jin Mining Industry Co Ltd	Shandong Zhaojin Gold & Silver Refinery Co., Ltd.	CHINA	CID001622	RMI	Zhaoyuan	Shandong Sheng
Gold	Zhao Yuan Gold Mine	Shandong Zhaojin Gold & Silver Refinery Co., Ltd.	CHINA	CID001622	RMI	Zhaoyuan	Shandong Sheng
Gold	Zhao Yuan Gold Smelter of ZhongJin	Shandong Zhaojin Gold & Silver Refinery Co., Ltd.	CHINA	CID001622	RMI	Zhaoyuan	Shandong Sheng
Gold	Zhao Yuan Jin Kuang	Shandong Zhaojin Gold & Silver Refinery Co., Ltd.	CHINA	CID001622	RMI	Zhaoyuan	Shandong Sheng
Gold	Zhaojin Mining Industry Co., Ltd.	Shandong Zhaojin Gold & Silver Refinery Co., Ltd.	CHINA	CID001622	RMI	Zhaoyuan	Shandong Sheng
Gold	zhaojinjinyinyelian	Shandong Zhaojin Gold & Silver Refinery Co., Ltd.	CHINA	CID001622	RMI	Zhaoyuan	Shandong Sheng
Gold	Zhaoyuan Gold Group	Shandong Zhaojin Gold & Silver Refinery Co., Ltd.	CHINA	CID001622	RMI	Zhaoyuan	Shandong Sheng
Gold	Zhongjin Gold Corporation Limited	Zhongyuan Gold Smelter of Zhongjin Gold Corporation	CHINA	CID002224	RMI	Sanmenxia	Henan Sheng
Gold	Zhongyuan Gold Smelter of Zhongjin Gold Corporatic	Zhongyuan Gold Smelter of Zhongjin Gold Corporation	CHINA	CID002224	RMI	Sanmenxia	Henan Sheng
Gold	Zijin Kuang Ye Refinery	Gold Refinery of Zijin Mining Group Co., Ltd.	CHINA	CID002243	RMI	Shanghang	Fujian Sheng
Gold	Zijin Mining Industry Corporation	Gold Refinery of Zijin Mining Group Co., Ltd.	CHINA	CID002243	RMI	Shanghang	Fujian Sheng
Gold	Smelter not listed						
Gold	Smelter not yet identified	Unknown	Unknown				
Tantalum	Asaka Riken Co., Ltd.	Asaka Riken Co., Ltd.	JAPAN	CID000092	RMI	Tamura	Fukushima
Tantalum	Changsha South Tantalum Niobium Co., Ltd.	Changsha South Tantalum Niobium Co., Ltd.	CHINA	CID000211	RMI	Changsha	Hunan Sheng
Tantalum	Changsha Southern	Changsha South Tantalum Niobium Co., Ltd.	CHINA	CID000211	RMI	Changsha	Hunan Sheng
Tantalum	Conghua Tantalum and Niobium Smeltry	Guangdong Rising Rare Metals-EO Materials Ltd.	CHINA	CID000291	RMI	Conghua	Guangdong Sheng
Tantalum	CP Metals Inc.	CP Metals Inc.	UNITED STATES OF AMERICA	CID003402	RMI	Warren	Ohio
Tantalum	D Block Metals, LLC	D Block Metals, LLC	UNITED STATES OF AMERICA	CID002504	RMI	Gastonia	North Carolina
Tantalum	Exotech Inc.	Exotech Inc.	UNITED STATES OF AMERICA	CID000456	RMI	Pompano Beach	Florida
Tantalum	F & X	F&X Electro-Materials Ltd.	CHINA	CID000460	RMI	Jiangmen	Guangdong Sheng
Tantalum	F&X Electro-Materials Ltd.	F&X Electro-Materials Ltd.	CHINA	CID000460	RMI	Jiangmen	Guangdong Sheng
Tantalum	FIR Metals & Resource Ltd.	FIR Metals & Resource Ltd.	CHINA	CID002505	RMI	Zhuzhou	Hunan Sheng
Tantalum	Global Advanced Metals Aizu	Global Advanced Metals Aizu	JAPAN	CID002558	RMI	Aizuwakamatsu	Fukushima
Tantalum	Global Advanced Metals Boyertown	Global Advanced Metals Boyertown	UNITED STATES OF AMERICA	CID002557	RMI	Boyertown	Pennsylvania
Tantalum	Guangdong Rising Rare Metals-EO Materials Ltd.	Guangdong Rising Rare Metals-EO Materials Ltd.	CHINA	CID000291	RMI	Conghua	Guangdong Sheng
Tantalum	Guangdong Zhiyuan New Material Co., Ltd.	Guangdong Zhiyuan New Material Co., Ltd.	CHINA	CID000616	RMI	Yingde	Guangdong Sheng
Tantalum	H.C. Starck Co., Ltd.	H.C. Starck Co., Ltd.	THAILAND	CID002544	RMI	Map Ta Phut	Rayong
Tantalum	H.C. Starck Hermsdorf GmbH	H.C. Starck Hermsdorf GmbH	GERMANY	CID002547	RMI	Hermsdorf	Thüringen
Tantalum	H.C. Starck Inc.	H.C. Starck Inc.	UNITED STATES OF AMERICA	CID002548	RMI	Newton	Massachusetts
Tantalum	H.C. Starck Ltd.	H.C. Starck Ltd.	JAPAN	CID002549	RMI	Mito	Ibaraki
Tantalum	H.C. Starck Smelting GmbH & Co. KG	H.C. Starck Smelting GmbH & Co. KG	GERMANY	CID002550	RMI	Laufenburg	Baden-Württemberg
Tantalum	H.C. Starck Tantalum and Niobium GmbH	H.C. Starck Tantalum and Niobium GmbH	GERMANY	CID002545	RMI	Goslar	Niedersachsen
Tantalum	Hengyang King Xing Lifeng New Materials Co., Ltd.	Hengyang King Xing Lifeng New Materials Co., Ltd.	CHINA	CID002492	RMI	Hengyang	Hunan Sheng
Tantalum	Jiangxi Dinghai Tantalum & Niobium Co., Ltd.	Jiangxi Dinghai Tantalum & Niobium Co., Ltd.	CHINA	CID002512	RMI	Fengxin	Jiangxi Sheng
Tantalum	Jiangxi Tuohong New Raw Material	Jiangxi Tuohong New Raw Material	CHINA	CID002842	RMI	Yichun	Jiangxi Sheng
Tantalum	Jiujiang Janny New Material Co., Ltd.	Jiujiang Janny New Material Co., Ltd.	CHINA	CID003191	RMI	Jiujiang	Jiangxi Sheng
Tantalum	JiuJiang JinXin Nonferrous Metals Co., Ltd.	JiuJiang JinXin Nonferrous Metals Co., Ltd.	CHINA	CID000914	RMI	Jiujiang	Jiangxi Sheng
Tantalum	Jiujiang Nonferrous Metals Smelting Company Limite	Jiujiang Tanbre Co., Ltd.	CHINA	CID000917	RMI	Jiujiang	Jiangxi Sheng
Tantalum	Jiujiang Tanbre Co., Ltd.	Jiujiang Tanbre Co., Ltd.	CHINA	CID000917	RMI	Jiujiang	Jiangxi Sheng
Tantalum	Jiujiang Zhongao Tantalum & Niobium Co., Ltd.	Jiujiang Zhongao Tantalum & Niobium Co., Ltd.	CHINA	CID002506	RMI	Jiujiang	Jiangxi Sheng
Tantalum	KEMET Blue Metals	KEMET Blue Metals	MEXICO	CID002539	RMI	Matamoros	Tamaulipas
Tantalum	KEMET Blue Powder	KEMET Blue Powder	UNITED STATES OF AMERICA	CID002568	RMI	Mound House	Nevada
Tantalum	LSM Brasil S.A.	LSM Brasil S.A.	BRAZIL	CID001076	RMI	São João del Rei	Minas Gerais
Tantalum	Metallurgical Products India Pvt. Ltd. (MPIL)	Metallurgical Products India Pvt., Ltd.	INDIA	CID001163	RMI	District Raigad	Maharashtra
Tantalum	Metallurgical Products India Pvt., Ltd.	Metallurgical Products India Pvt., Ltd.	INDIA	CID001163	RMI	District Raigad	Maharashtra
Tantalum	Mineracao Taboca S.A.	Mineracao Taboca S.A.	BRAZIL	CID001175	RMI	Presidente Figueiredo	Amazonas
Tantalum	Mineração Taboca S.A.	Mineracao Taboca S.A.	BRAZIL	CID001175	RMI	Presidente Figueiredo	Amazonas
Tantalum	Mineracao Taboca SA	Mineracao Taboca S.A.	BRAZIL	CID001175	RMI	Presidente Figueiredo	Amazonas
Tantalum	Mitsui Mining & Smelting	Mitsui Mining and Smelting Co., Ltd.	JAPAN	CID001192	RMI	Omuta	Fukuoka
Tantalum	Mitsui Mining and Smelting Co., Ltd.	Mitsui Mining and Smelting Co., Ltd.	JAPAN	CID001192	RMI	Omuta	Fukuoka
Tantalum	Molycorp Silmet A.S.	NPM Silmet AS	ESTONIA	CID001200	RMI	Sillamäe	Ida-Virumaa
Tantalum	Ningxia Non-Ferrous Metal Smeltery	Ningxia Orient Tantalum Industry Co., Ltd.	CHINA	CID001277	RMI	Shizuishan City	Ningxia Huizi Zizhiqu
Tantalum	Ningxia Orient Tantalum Industry Co., Ltd.	Ningxia Orient Tantalum Industry Co., Ltd.	CHINA	CID001277	RMI	Shizuishan City	Ningxia Huizi Zizhiqu
Tantalum	NPM Silmet AS	NPM Silmet AS	ESTONIA	CID001200	RMI	Sillamäe	Ida-Virumaa
Tantalum	Power Resources Ltd.	Power Resources Ltd.	MACEDONIA, THE FORMER YUG	CID002847	RMI	Skopje	Skopje
Tantalum	QuantumClean	QuantumClean	UNITED STATES OF AMERICA	CID001508	RMI	Carrollton	Texas
Tantalum	Resind Ind e Com Ltda.	Resind Industria e Comercio Ltda.	BRAZIL	CID002707	RMI	São João del Rei	Minas gerais
Tantalum	Resind Industria e Comercio Ltda.	Resind Industria e Comercio Ltda.	BRAZIL	CID002707	RMI	São João del Rei	Minas gerais
Tantalum	Resind Indústria e Comércio Ltda.	Resind Industria e Comercio Ltda.	BRAZIL	CID002707	RMI	São João del Rei	Minas gerais
Tantalum	RFH	RFH Tantalum Smeltery Co., Ltd./Yanling Jincheng Tantalum & Niobium Co., Lt	CHINA	CID001522	RMI	Zhuzhou	Hunan Sheng
Tantalum	RFH Tantalum Smeltery Co., Ltd./Yanling Jincheng Ta	RFH Tantalum Smeltery Co., Ltd./Yanling Jincheng Tantalum & Niobium Co., Lt	CHINA	CID001522	RMI	Zhuzhou	Hunan Sheng
Tantalum	RFH Tantalum Smeltry Co., Ltd.	RFH Tantalum Smeltery Co., Ltd./Yanling Jincheng Tantalum & Niobium Co., Lt	CHINA	CID001522	RMI	Zhuzhou	Hunan Sheng
Tantalum	Solikamsk	Solikamsk Magnesium Works OAO	RUSSIAN FEDERATION	CID001769	RMI	Solikamsk	Permskiy kray
Tantalum	Solikamsk Magnesium Works OAO	Solikamsk Magnesium Works OAO	RUSSIAN FEDERATION	CID001769	RMI	Solikamsk	Permskiy kray
Tantalum	Solikamsk Metal Works	Solikamsk Magnesium Works OAO	RUSSIAN FEDERATION	CID001769	RMI	Solikamsk	Permskiy kray
Tantalum	Taki Chemical Co., Ltd.	Taki Chemical Co., Ltd.	JAPAN	CID001869	RMI	Harima	Hyogo
Tantalum	Taki Chemicals	Taki Chemical Co., Ltd.	JAPAN	CID001869	RMI	Harima	Hyogo
Tantalum	Telex Metals	Telex Metals	UNITED STATES OF AMERICA	CID001891	RMI	Croydon	Pennsylvania
Tantalum	ULBA	Ulba Metallurgical Plant JSC	KAZAKHSTAN	CID001969	RMI	Ust-Kamenogorsk	Qaraghandy oblysy
Tantalum	Ulba Metallurgical Plant JSC	Ulba Metallurgical Plant JSC	KAZAKHSTAN	CID001969	RMI	Ust-Kamenogorsk	Qaraghandy oblysy
Tantalum	XinXing HaoRong Electronic Material Co., Ltd.	XinXing HaoRong Electronic Material Co., Ltd.	CHINA	CID002508	RMI	YunFu City	Guangdong Sheng
Tantalum	Yanling Jincheng Tantalum & Niobium Co., Ltd.	RFH Tantalum Smeltery Co., Ltd./Yanling Jincheng Tantalum & Niobium Co., Lt	CHINA	CID001522	RMI	Zhuzhou	Hunan Sheng
Tantalum	Yanling Jincheng Tantalum Co., Ltd.	RFH Tantalum Smeltery Co., Ltd./Yanling Jincheng Tantalum & Niobium Co., Lt	CHINA	CID001522	RMI	Zhuzhou	Hunan Sheng
Tantalum	Smelter not listed						
Tantalum	Smelter not yet identified	Unknown	Unknown				
Tin	Alent plc	Alpha	UNITED STATES OF AMERICA	CID000292	RMI	Altoona	Pennsylvania
Tin	Alpha	Alpha	UNITED STATES OF AMERICA	CID000292	RMI	Altoona	Pennsylvania
Tin	Alpha Metals	Alpha	UNITED STATES OF AMERICA	CID000292	RMI	Altoona	Pennsylvania
Tin	Alpha Metals Korea Ltd.	Alpha	UNITED STATES OF AMERICA	CID000292	RMI	Altoona	Pennsylvania
Tin	Alpha Metals Taiwan	Alpha	UNITED STATES OF AMERICA	CID000292	RMI	Altoona	Pennsylvania
Tin	An Vinh Joint Stock Mineral Processing Company	An Vinh Joint Stock Mineral Processing Company	VIET NAM	CID002703	RMI	Quy Hop	Nghệ An
Tin	Brand IMLI	PT Bukit Timah	INDONESIA	CID001428	RMI	Pangkal Pinang	Kepulauan Bangka Belitung
Tin	Brand RBT	PT Refined Bangka Tin	INDONESIA	CID001460	RMI	Sungailiat	Kepulauan Bangka Belitung
Tin	Chengfeng Metals Co Pte Ltd	Yunnan Chengfeng Non-ferrous Metals Co., Ltd.	CHINA	CID002158	RMI	Gejiu	Yunnan Sheng
Tin	Chenzhou Yun Xiang mining limited liability company	Chenzhou Yunxiang Mining and Metallurgy Co., Ltd.	CHINA	CID000228	RMI	Chenzhou	Hunan Sheng
Tin	Chenzhou Yunxiang Mining and Metallurgy Co., Ltd.	Chenzhou Yunxiang Mining and Metallurgy Co., Ltd.	CHINA	CID000228	RMI	Chenzhou	Hunan Sheng
Tin	Chifeng Dajingzi Tin Industry Co., Ltd.	Chifeng Dajingzi Tin Industry Co., Ltd.	CHINA	CID003190	RMI	Chifeng	Nei Mongol Zizhiqu
Tin	China Tin (Hechi)	China Tin Group Co., Ltd.	CHINA	CID001070	RMI	Laibin	Guangxi Zhuangzu Zizhiqu
Tin	China Tin Group Co., Ltd.	China Tin Group Co., Ltd.	CHINA	CID001070	RMI	Laibin	Guangxi Zhuangzu Zizhiqu
Tin	China Tin Lai Ben Smelter Co., Ltd.	China Tin Group Co., Ltd.	CHINA	CID001070	RMI	Laibin	Guangxi Zhuangzu Zizhiqu
Tin	China Yunnan Tin Co Ltd.	Yunnan Tin Company Limited	CHINA	CID002180	RMI	Gejiu	Yunnan Sheng
Tin	Cookson	Alpha	UNITED STATES OF AMERICA	CID000292	RMI	Altoona	Pennsylvania
Tin	Cookson (Alpha Metals Taiwan)	Alpha	UNITED STATES OF AMERICA	CID000292	RMI	Altoona	Pennsylvania
Tin	Cookson Alpha Metals (Shenzhen) Co., Ltd.	Alpha	UNITED STATES OF AMERICA	CID000292	RMI	Altoona	Pennsylvania
Tin	CV Ayi Jaya	CV Ayi Jaya	INDONESIA	CID002570	RMI	Sungailiat	Kepulauan Bangka Belitung
Tin	CV Dua Sekawan	CV Dua Sekawan	INDONESIA	CID002592	RMI	Pangkal Pinang	Kepulauan Bangka Belitung
Tin	CV Gita Pesona	CV Gita Pesona	INDONESIA	CID000306	RMI	Sungailiat	Kepulauan Bangka Belitung
Tin	CV Nurjanah	PT Aries Kencana Sejahtera	INDONESIA	CID000309	RMI	Pemali	Kepulauan Bangka Belitung
Tin	CV Serumpun Sebalai	PT Premium Tin Indonesia	INDONESIA	CID000313	RMI	Pangkalan	Kepulauan Bangka Belitung
Tin	CV Tiga Sekawan	PT Rajehan Ariq	INDONESIA	CID002593	RMI	Pangkal Pinang	Kepulauan Bangka Belitung
Tin	CV United Smelting	CV United Smelting	INDONESIA	CID000315	RMI	Pangkal Pinang	Kepulauan Bangka Belitung
Tin	CV Venus Inti Perkasa	CV Venus Inti Perkasa	INDONESIA	CID002455	RMI	Pangkal Pinang	Kepulauan Bangka Belitung
Tin	Dongguan CiEXPO Environmental Engineering Co., Lt	Dongguan CiEXPO Environmental Engineering Co., Ltd.	CHINA	CID003356	RMI	Dongguan	Guangdong Sheng
Tin	Dowa	Dowa	JAPAN	CID000402	RMI	Kosaka	Akita
Tin	Dowa Metaltech Co., Ltd.	Dowa	JAPAN	CID000402	RMI	Kosaka	Akita
Tin	Electro-Mechanical Facility of the Cao Bang Minerals	Electro-Mechanical Facility of the Cao Bang Minerals & Metallurgy Joint Stock C	VIET NAM	CID002572	RMI	Tinh Tuc	Cao Bằng
Tin	EM Vinto	EM Vinto	BOLIVIA (PLURINATIONAL STA	CID000438	RMI	Oruro	Oruro
Tin	Empresa Metalúrgica Vinto	EM Vinto	BOLIVIA (PLURINATIONAL STA	CID000438	RMI	Oruro	Oruro
Tin	Empressa Nacional de Fundiciones (ENAF)	EM Vinto	BOLIVIA (PLURINATIONAL STA	CID000438	RMI	Oruro	Oruro
Tin	ENAF	EM Vinto	BOLIVIA (PLURINATIONAL STA	CID000438	RMI	Oruro	Oruro
Tin	Estanho de Rondonia S.A.	Estanho de Rondonia S.A.	BRAZIL	CID000448	RMI	Ariquemes	Rondônia
Tin	Estanho de Rondônia S.A.	Estanho de Rondonia S.A.	BRAZIL	CID000448	RMI	Ariquemes	Rondônia
Tin	Fenix Metals	Fenix Metals	POLAND	CID000468	RMI	Chmielów	Podkarpackie
Tin	Funsur Smelter	Minsur	PERU	CID001182	RMI	Paracas	Ica
Tin	Gejiu City Datun Chengfeng Smelter	Yunnan Chengfeng Non-ferrous Metals Co., Ltd.	CHINA	CID002158	RMI	Gejiu	Yunnan Sheng
Tin	Gejiu City Fuxiang Industry and Trade Co., Ltd.	Gejiu City Fuxiang Industry and Trade Co., Ltd.”	CHINA	CID003410	RMI	Gejiu	Yunnan Sheng
Tin	Gejiu Fengming Metallurgy Chemical Plant	Gejiu Fengming Metallurgy Chemical Plant	CHINA	CID002848	RMI	Gejiu	Yunnan Sheng
Tin	Gejiu Fuxiang Gongmao Co., Ltd.	Gejiu City Fuxiang Industry and Trade Co., Ltd.”	CHINA	CID003410	RMI	Gejiu	Yunnan Sheng
Tin	Gejiu Kai Meng Industry and Trade LLC	Gejiu Kai Meng Industry and Trade LLC	CHINA	CID000942	RMI	Gejiu	Yunnan Sheng
Tin	Gejiu Non-Ferrous Metal Processing Co., Ltd.	Gejiu Non-Ferrous Metal Processing Co., Ltd.	CHINA	CID000538	RMI	Gejiu	Yunnan Sheng
Tin	Gejiu Yunxin Nonferrous Electrolysis Co., Ltd.	Gejiu Yunxin Nonferrous Electrolysis Co., Ltd.	CHINA	CID001908	RMI	Gejiu	Yunnan Sheng
Tin	Gejiu Zi-Li	Gejiu Zili Mining And Metallurgy Co., Ltd.	CHINA	CID000555	RMI	Gejiu	Yunnan Sheng
Tin	Gejiu Zili Mining And Metallurgy Co., Ltd.	Gejiu Zili Mining And Metallurgy Co., Ltd.	CHINA	CID000555	RMI	Gejiu	Yunnan Sheng
Tin	Guang Xi Liu Xhou	China Tin Group Co., Ltd.	CHINA	CID001070	RMI	Laibin	Guangxi Zhuangzu Zizhiqu
Tin	Guang Xi Liu Zhou	China Tin Group Co., Ltd.	CHINA	CID001070	RMI	Laibin	Guangxi Zhuangzu Zizhiqu
Tin	Guangdong Hanhe Non-Ferrous Metal Co., Ltd.	Guangdong Hanhe Non-Ferrous Metal Co., Ltd.	CHINA	CID003116	RMI	Chaozhou	Guangdong Sheng

Tin	GuangXi China Tin	China Tin Group Co., Ltd.	CHINA	CID001070	RMI	Laibin	Guangxi Zhuangzu Zizhiqu
Tin	Guangxi Hua Shu Dan CO., LTD.	China Tin Group Co., Ltd.	CHINA	CID001070	RMI	Laibin	Guangxi Zhuangzu Zizhiqu
Tin	Guanyang Guida Nonferrous Metal Smelting Plant	Guanyang Guida Nonferrous Metal Smelting Plant	CHINA	CID002849	RMI	Guanyang	Guangxi Zhuangzu Zizhiqu
Tin	HuiChang Hill Tin Industry Co., Ltd.	HuiChang Hill Tin Industry Co., Ltd.	CHINA	CID002844	RMI	Ganzhou	Jiangxi Sheng
Tin	Huichang Jinshunda Tin Co., Ltd.	Huichang Jinshunda Tin Co., Ltd.	CHINA	CID000760	RMI	Ganzhou	Jiangxi Sheng
Tin	Huichang Shun Tin Kam Industries, Ltd.	Huichang Jinshunda Tin Co., Ltd.	CHINA	CID000760	RMI	Ganzhou	Jiangxi Sheng
Tin	INDONESIAN STATE TIN CORPORATION MENTOK SM	PT Timah Tbk Mentok	INDONESIA	CID001482	RMI	Mentok	Kepulauan Bangka Belitung
Tin	Indra Eramulti Logam	PT Bukit Timah	INDONESIA	CID001428	RMI	Pangkal Pinang	Kepulauan Bangka Belitung
Tin	Jiangxi Nanshan	Jiangxi New Nanshan Technology Ltd.	CHINA	CID001231	RMI	Ganzhou	Jiangxi Sheng
Tin	Jiangxi New Nanshan Technology Ltd.	Jiangxi New Nanshan Technology Ltd.	CHINA	CID001231	RMI	Ganzhou	Jiangxi Sheng
Tin	Jiangxi Shunda Huichang Kam Tin Co., Ltd.	Huichang Jinshunda Tin Co., Ltd.	CHINA	CID000760	RMI	Ganzhou	Jiangxi Sheng
Tin	Kai Union Industry and Trade Co., Ltd. (China)	Gejiu Kai Meng Industry and Trade LLC	CHINA	CID000942	RMI	Gejiu	Yunnan Sheng
Tin	Kai Unita Trade Limited Liability Company	Gejiu Kai Meng Industry and Trade LLC	CHINA	CID000942	RMI	Gejiu	Yunnan Sheng
Tin	Kaimeng (Gejiu) Industry and Trade Co., Ltd.	Gejiu Kai Meng Industry and Trade LLC	CHINA	CID000942	RMI	Gejiu	Yunnan Sheng
Tin	Kundur Smelter	PT Timah Tbk Kundur	INDONESIA	CID001477	RMI	Kundur	Riau
Tin	Liuzhhou China Tin	China Tin Group Co., Ltd.	CHINA	CID001070	RMI	Laibin	Guangxi Zhuangzu Zizhiqu
Tin	Ma'anshan Weitai Tin Co., Ltd.	Ma'anshan Weitai Tin Co., Ltd.	CHINA	CID003379	RMI	Maanshan	Anhui Sheng
Tin	Magnu's Minerais Metais e Ligas Ltda.	Magnu's Minerais Metais e Ligas Ltda.	BRAZIL	CID002468	RMI	São João del Rei	Minas Gerais
Tin	Malaysia Smelting Corporation (MSC)	Malaysia Smelting Corporation (MSC)	MALAYSIA	CID001105	RMI	Butterworth	Pulau Pinang
Tin	Melt Metais e Ligas S.A.	Melt Metais e Ligas S.A.	BRAZIL	CID002500	RMI	Ariquemes	Rondônia
Tin	Mentok Smelter	PT Timah Tbk Mentok	INDONESIA	CID001482	RMI	Mentok	Kepulauan Bangka Belitung
Tin	Metallic Materials Branch of Guangxi China Tin Group	China Tin Group Co., Ltd.	CHINA	CID001070	RMI	Laibin	Guangxi Zhuangzu Zizhiqu
Tin	Metallic Resources, Inc.	Metallic Resources, Inc.	UNITED STATES OF AMERICA	CID001142	RMI	Twinsburg	Ohio
Tin	Metallo Belgium N.V.	Metallo Belgium N.V.	BELGIUM	CID002773	RMI	Beerse	Antwerpen
Tin	Metallo Spain S.L.U.	Metallo Spain S.L.U.	SPAIN	CID002774	RMI	Berango	Bizkaia
Tin	Mineracao Taboca S.A.	Mineracao Taboca S.A.	BRAZIL	CID001173	RMI	Bairro Guarapiranga	São Paulo
Tin	Mineração Taboca S.A.	Mineracao Taboca S.A.	BRAZIL	CID001173	RMI	Bairro Guarapiranga	São Paulo
Tin	Mineracao Taboca SA	Mineracao Taboca S.A.	BRAZIL	CID001173	RMI	Bairro Guarapiranga	São Paulo
Tin	Minsur	Minsur	PERU	CID001182	RMI	Paracas	Ica
Tin	Mitsubishi Materials Corporation	Mitsubishi Materials Corporation	JAPAN	CID001191	RMI	Asago	Hyogo
Tin	Modeltech Sdn Bhd	Modeltech Sdn Bhd	MALAYSIA	CID002858	RMI	Kawasan Perindustrian Bukit	Melaka
Tin	MSC	Malaysia Smelting Corporation (MSC)	MALAYSIA	CID001105	RMI	Butterworth	Pulau Pinang
Tin	Nankang Nanshan Tin Manufactory Co., Ltd.	Jiangxi New Nanshan Technology Ltd.	CHINA	CID001231	RMI	Ganzhou	Jiangxi Sheng
Tin	Nanshan Tin Co. Ltd.	Jiangxi New Nanshan Technology Ltd.	CHINA	CID001231	RMI	Ganzhou	Jiangxi Sheng
Tin	Nghe Tinh Non-Ferrous Metals Joint Stock Company	Nghe Tinh Non-Ferrous Metals Joint Stock Company	VIET NAM	CID002573	RMI	Quy Hop	Nghệ An
Tin	O.M. Manufacturing (Thailand) Co., Ltd.	O.M. Manufacturing (Thailand) Co., Ltd.	THAILAND	CID001314	RMI	Nongkham Sriracha	Chon Buri
Tin	O.M. Manufacturing Philippines, Inc.	O.M. Manufacturing Philippines, Inc.	PHILIPPINES	CID002517	RMI	Rosario	Cavite
Tin	OMSA	Operaciones Metalurgicas S.A.	BOLIVIA (PLURINATIONAL STA	CID001337	RMI	Oruro	Oruro
Tin	Operaciones Metalurgicas S.A.	Operaciones Metalurgicas S.A.	BOLIVIA (PLURINATIONAL STA	CID001337	RMI	Oruro	Oruro
Tin	Operaciones Metalúrgicas S.A.	Operaciones Metalurgicas S.A.	BOLIVIA (PLURINATIONAL STA	CID001337	RMI	Oruro	Oruro
Tin	Pongpipat Company Limited	Pongpipat Company Limited	MYANMAR	CID003208	RMI	Yangon	Yangon
Tin	Precious Minerals and Smelting Limited	Precious Minerals and Smelting Limited	INDIA	CID003409	RMI	Jagdalpur	Chhattisgarh
Tin	PT Aries Kencana Sejahtera	PT Aries Kencana Sejahtera	INDONESIA	CID000309	RMI	Pemali	Kepulauan Bangka Belitung
Tin	PT Artha Cipta Langgeng	PT Artha Cipta Langgeng	INDONESIA	CID001399	RMI	Sungailiat	Kepulauan Bangka Belitung
Tin	PT ATD Makmur Mandiri Jaya	PT ATD Makmur Mandiri Jaya	INDONESIA	CID002503	RMI	Sungailiat	Kepulauan Bangka Belitung
Tin	PT Babel Inti Perkasa	PT Babel Inti Perkasa	INDONESIA	CID001402	RMI	Lintang	Kepulauan Bangka Belitung
Tin	PT Babel Surya Alam Lestari	PT Babel Surya Alam Lestari	INDONESIA	CID001406	RMI	Badau	Kepulauan Bangka Belitung
Tin	PT Bangka Prima Tin	PT Bangka Prima Tin	INDONESIA	CID002776	RMI	Air Mesu	Kepulauan Bangka Belitung
Tin	PT Bangka Serumpun	PT Bangka Serumpun	INDONESIA	CID003205	RMI	Pangkalpinang	Kepulauan Bangka Belitung
Tin	PT Bangka Serumpun	PT Bangka Serumpun	INDONESIA	CID003205	RMI	Pangkalpinang	Kepulauan Bangka Belitung
Tin	PT Bangka Tin Industry	PT Bangka Tin Industry	INDONESIA	CID001419	RMI	Sungailiat	Kepulauan Bangka Belitung
Tin	PT Belitung Industri Sejahtera	PT Belitung Industri Sejahtera	INDONESIA	CID001421	RMI	Pegantungan	Kepulauan Bangka Belitung
Tin	PT Bukit Timah	PT Bukit Timah	INDONESIA	CID001428	RMI	Pangkal Pinang	Kepulauan Bangka Belitung
Tin	PT DS Jaya Abadi	PT DS Jaya Abadi	INDONESIA	CID001434	RMI	Pangkal Pinang	Kepulauan Bangka Belitung
Tin	PT Indora Ermulti	PT Bukit Timah	INDONESIA	CID001428	RMI	Pangkal Pinang	Kepulauan Bangka Belitung
Tin	PT Indra Eramult Logam Industri	PT Bukit Timah	INDONESIA	CID001428	RMI	Pangkal Pinang	Kepulauan Bangka Belitung
Tin	PT Inti Stania Prima	PT Inti Stania Prima	INDONESIA	CID002530	RMI	Sungailiat	Kepulauan Bangka Belitung
Tin	PT Karimun Mining	PT Karimun Mining	INDONESIA	CID001448	RMI	Karimun	Kepulauan Riau
Tin	PT Kijang Jaya Mandiri	PT Kijang Jaya Mandiri	INDONESIA	CID002829	RMI	Sungailiat	Kepulauan Bangka Belitung
Tin	PT Menara Cipta Mulia	PT Menara Cipta Mulia	INDONESIA	CID002835	RMI	Mentawak	Kepulauan Bangka Belitung
Tin	PT Mitra Stania Prima	PT Mitra Stania Prima	INDONESIA	CID001453	RMI	Sungailiat	Kepulauan Bangka Belitung
Tin	PT Panca Mega Persada	PT Panca Mega Persada	INDONESIA	CID001457	RMI	Sungailiat	Kepulauan Bangka Belitung
Tin	PT Premium Tin Indonesia	PT Premium Tin Indonesia	INDONESIA	CID000313	RMI	Pangkalan	Kepulauan Bangka Belitung
Tin	PT Prima Timah Utama	PT Prima Timah Utama	INDONESIA	CID001458	RMI	Pangkal Pinang	Kepulauan Bangka Belitung
Tin	PT Rajawali Rimba Perkasa	PT Rajawali Rimba Perkasa	INDONESIA	CID003381	RMI	Tukak Sadai	Kepulauan Bangka Belitung
Tin	PT Rajehan Ariq	PT Rajehan Ariq	INDONESIA	CID002593	RMI	Pangkal Pinang	Kepulauan Bangka Belitung
Tin	PT Refined Bangka Tin	PT Refined Bangka Tin	INDONESIA	CID001460	RMI	Sungailiat	Kepulauan Bangka Belitung
Tin	PT Sariwiguna Binasentosa	PT Sariwiguna Binasentosa	INDONESIA	CID001463	RMI	Pangkal Pinang	Kepulauan Bangka Belitung
Tin	PT Stanindo Inti Perkasa	PT Stanindo Inti Perkasa	INDONESIA	CID001468	RMI	Pangkal Pinang	Kepulauan Bangka Belitung
Tin	PT Sukses Inti Makmur	PT Sukses Inti Makmur	INDONESIA	CID002816	RMI	Sungai Samak	Kepulauan Bangka Belitung
Tin	PT Sumber Jaya Indah	PT Sumber Jaya Indah	INDONESIA	CID001471	RMI	Pangkal Pinang	Kepulauan Bangka Belitung
Tin	PT Tambang Timah	PT Timah Tbk Kundur	INDONESIA	CID001477	RMI	Kundur	Riau
Tin	PT Timah Tbk Kundur	PT Timah Tbk Kundur	INDONESIA	CID001477	RMI	Kundur	Riau
Tin	PT Timah Tbk Mentok	PT Timah Tbk Mentok	INDONESIA	CID001482	RMI	Mentok	Kepulauan Bangka Belitung
Tin	PT Tinindo Inter Nusa	PT Tinindo Inter Nusa	INDONESIA	CID001490	RMI	Pangkal Pinang	Kepulauan Bangka Belitung
Tin	PT Tirus Putra Mandiri	PT Tirus Putra Mandiri	INDONESIA	CID002478	RMI	Bogor	Jawa Barat
Tin	PT Tommy Utama	PT Tommy Utama	INDONESIA	CID001493	RMI	Sumping Desa Batu Peyu	Kepulauan Bangka Belitung
Tin	Resind Ind e Com Ltda.	Resind Industria e Comercio Ltda.	BRAZIL	CID002706	RMI	São João del Rei	Minas gerais
Tin	Resind Industria e Comercio Ltda.	Resind Industria e Comercio Ltda.	BRAZIL	CID002706	RMI	São João del Rei	Minas gerais
Tin	Resind Indústria e Comércio Ltda.	Resind Industria e Comercio Ltda.	BRAZIL	CID002706	RMI	São João del Rei	Minas gerais
Tin	Rui Da Hung	Rui Da Hung	TAIWAN, PROVINCE OF CHINA	CID001539	RMI	Longtan Shiang Taoyuan	Taoyuan
Tin	Shunda Huichang Kam Tin Co., Ltd.	Huichang Jinshunda Tin Co., Ltd.	CHINA	CID000760	RMI	Ganzhou	Jiangxi Sheng
Tin	Smelting Branch of Yunnan Tin Company Ltd	Yunnan Tin Company Limited	CHINA	CID002180	RMI	Gejiu	Yunnan Sheng
Tin	Soft Metais Ltda.	Soft Metais Ltda.	BRAZIL	CID001758	RMI	Bebedouro	São Paulo
Tin	Super Ligas	Super Ligas	BRAZIL	CID002756	RMI	Piracicaba	São Paulo
Tin	Thai Nguyen Mining and Metallurgy Co., Ltd.	Thai Nguyen Mining and Metallurgy Co., Ltd.	VIET NAM	CID002834	RMI	Thai Nguyen	Thái Nguyên
Tin	Thai Solder Industry Corp., Ltd.	Thaisarco	THAILAND	CID001898	RMI	Amphur Muang	Phuket
Tin	Thailand Smelting & Refining Co Ltd	Thaisarco	THAILAND	CID001898	RMI	Amphur Muang	Phuket
Tin	Thaisarco	Thaisarco	THAILAND	CID001898	RMI	Amphur Muang	Phuket
Tin	The Gejiu cloud new colored electrolytic	Gejiu Yunxin Nonferrous Electrolysis Co., Ltd.	CHINA	CID001908	RMI	Gejiu	Yunnan Sheng
Tin	Tin Products Manufacturing Co.LTD. of YTCL	Yunnan Tin Company Limited	CHINA	CID002180	RMI	Gejiu	Yunnan Sheng
Tin	Tin Technology & Refining	Tin Technology & Refining	UNITED STATES OF AMERICA	CID003325	RMI	West Chester	Pennsylvania
Tin	Toboca/ Paranapenema	Mineracao Taboca S.A.	BRAZIL	CID001173	RMI	Bairro Guarapiranga	São Paulo
Tin	Tuyen Quang Non-Ferrous Metals Joint Stock Compa	Tuyen Quang Non-Ferrous Metals Joint Stock Company	VIET NAM	CID002574	RMI	Tan Quang	Tuyên Quang
Tin	Unit Timah Kundur PT Tambang	PT Timah Tbk Kundur	INDONESIA	CID001477	RMI	Kundur	Riau
Tin	White Solder Metalurgia e Mineracao Ltda.	White Solder Metalurgia e Mineracao Ltda.	BRAZIL	CID002036	RMI	Ariquemes	Rondônia
Tin	White Solder Metalurgia e Mineração Ltda.	White Solder Metalurgia e Mineracao Ltda.	BRAZIL	CID002036	RMI	Ariquemes	Rondônia
Tin	White Solder Metalurgica	White Solder Metalurgia e Mineracao Ltda.	BRAZIL	CID002036	RMI	Ariquemes	Rondônia
Tin	XiHai - Liuzhou China Tin Group Co ltd	China Tin Group Co., Ltd.	CHINA	CID001070	RMI	Laibin	Guangxi Zhuangzu Zizhiqu
Tin	YTCL	Yunnan Tin Company Limited	CHINA	CID002180	RMI	Gejiu	Yunnan Sheng
Tin	Yunan Gejiu Yunxin Electrolyze Limited	Gejiu Yunxin Nonferrous Electrolysis Co., Ltd.	CHINA	CID001908	RMI	Gejiu	Yunnan Sheng
Tin	Yunnan Adventure Co., Ltd.	Yunnan Chengfeng Non-ferrous Metals Co., Ltd.	CHINA	CID002158	RMI	Gejiu	Yunnan Sheng
Tin	Yunnan Chengfeng	Yunnan Chengfeng Non-ferrous Metals Co., Ltd.	CHINA	CID002158	RMI	Gejiu	Yunnan Sheng
Tin	Yunnan Chengfeng Non-ferrous Metals Co., Ltd.	Yunnan Chengfeng Non-ferrous Metals Co., Ltd.	CHINA	CID002158	RMI	Gejiu	Yunnan Sheng
Tin	YunNan Gejiu Yunxin Electrolyze Limited	Gejiu Yunxin Nonferrous Electrolysis Co., Ltd.	CHINA	CID001908	RMI	Gejiu	Yunnan Sheng
Tin	Yunnan Gejiu Zili Metallurgy Co. Ltd.	Gejiu Zili Mining And Metallurgy Co., Ltd.	CHINA	CID000555	RMI	Gejiu	Yunnan Sheng
Tin	Yunnan ride non-ferrous metal co., LTD	Yunnan Chengfeng Non-ferrous Metals Co., Ltd.	CHINA	CID002158	RMI	Gejiu	Yunnan Sheng
Tin	Yunnan Tin Company Limited	Yunnan Tin Company Limited	CHINA	CID002180	RMI	Gejiu	Yunnan Sheng
Tin	Yunnan Tin Company, Ltd.	Yunnan Tin Company Limited	CHINA	CID002180	RMI	Gejiu	Yunnan Sheng
Tin	Yunnan wind Nonferrous Metals Co., Ltd.	Yunnan Chengfeng Non-ferrous Metals Co., Ltd.	CHINA	CID002158	RMI	Gejiu	Yunnan Sheng
Tin	Yunnan Xi YE	Yunnan Tin Company Limited	CHINA	CID002180	RMI	Gejiu	Yunnan Sheng
Tin	Yunnan Yunfan Non-ferrous Metals Co., Ltd.	Yunnan Yunfan Non-ferrous Metals Co., Ltd.	CHINA	CID003397	RMI	Gejiu	Yunnan Sheng
Tin	Yuntinic Resources	Yunnan Tin Company Limited	CHINA	CID002180	RMI	Gejiu	Yunnan Sheng
Tin	YUNXIN colored electrolysis Company Limited	Gejiu Yunxin Nonferrous Electrolysis Co., Ltd.	CHINA	CID001908		Gejiu	Yunnan Sheng
Tin	Smelter not listed						
Tin	Smelter not yet identified	Unknown	Unknown				
Tungsten	A.L.M.T. Corp.	A.L.M.T. Corp.	JAPAN	CID000004	RMI	Toyama City	Toyama
Tungsten	A.L.M.T. TUNGSTEN Corp.	A.L.M.T. Corp.	JAPAN	CID000004	RMI	Toyama City	Toyama
Tungsten	ACL Metais Eireli	ACL Metais Eireli	BRAZIL	CID002833	RMI	Araçariguama	São Paulo
Tungsten	Allied Material Corporation	A.L.M.T. Corp.	JAPAN	CID000004	RMI	Toyama City	Toyama
Tungsten	ALMT Corp	A.L.M.T. Corp.	JAPAN	CID000004	RMI	Toyama City	Toyama
Tungsten	ALMT Sumitomo Group	A.L.M.T. Corp.	JAPAN	CID000004	RMI	Toyama City	Toyama
Tungsten	ATI Metalworking Products	Kennametal Huntsville	UNITED STATES OF AMERICA	CID000105	RMI	Huntsville	Alabama
Tungsten	ATI Tungsten Materials	Kennametal Huntsville	UNITED STATES OF AMERICA	CID000105	RMI	Huntsville	Alabama
Tungsten	Chaozhou Xianglu Tungsten Industry Co., Ltd.	Guangdong Xianglu Tungsten Co., Ltd.	CHINA	CID000218	RMI	Chaozhou	Guangdong Sheng
Tungsten	Chenzhou Diamond Tungsten Products Co., Ltd.	Chenzhou Diamond Tungsten Products Co., Ltd.	CHINA	CID002513	RMI	Chenzhou	Hunan Sheng
Tungsten	China Molybdenum Co., Ltd.	China Molybdenum Tungsten Co., Ltd.	CHINA	CID002641	RMI	Luoyang	Hunan Sheng
Tungsten	China MuYe Tungsten Co,. Ltd.	China Molybdenum Tungsten Co., Ltd.	CHINA	CID002641	RMI	Luoyang	Hunan Sheng
Tungsten	China National Non Ferrous	Ganzhou Huaxing Tungsten Products Co., Ltd.	CHINA	CID000875	RMI	Ganzhou	Jiangxi Sheng
Tungsten	Chongyi Zhangyuan Tungsten Co., Ltd.	Chongyi Zhangyuan Tungsten Co., Ltd.	CHINA	CID000258	RMI	Ganzhou	Jiangxi Sheng
Tungsten	CNMC (Guangxi) PGMA Co., Ltd.	CNMC (Guangxi) PGMA Co., Ltd.	CHINA	CID000281	RMI	Hezhou	Guangxi Zhuangzu Zizhiqu
Tungsten	Fujian Ganmin RareMetal Co., Ltd.	Fujian Ganmin RareMetal Co., Ltd.	CHINA	CID003401	RMI	Longyan	Fujian Sheng
Tungsten	Fujian Jinxin Tungsten Co., Ltd.	Fujian Jinxin Tungsten Co., Ltd.	CHINA	CID000499	RMI	Yanshi	Fujian Sheng
Tungsten	Ganzhou Haichuang Tungsten Co., Ltd.	Ganzhou Haichuang Tungsten Co., Ltd.	CHINA	CID002645	RMI	Ganzhou	Jiangxi Sheng
Tungsten	Ganzhou Huaxing Tungsten Products Co., Ltd.	Ganzhou Huaxing Tungsten Products Co., Ltd.	CHINA	CID000875	RMI	Ganzhou	Jiangxi Sheng
Tungsten	Ganzhou Jiangwu Ferrotungsten Co., Ltd.	Ganzhou Jiangwu Ferrotungsten Co., Ltd.	CHINA	CID002315	RMI	Ganzhou	Jiangxi Sheng
Tungsten	Ganzhou Seadragon W & Mo Co., Ltd.	Ganzhou Seadragon W & Mo Co., Ltd.	CHINA	CID002494	RMI	Ganzhou	Jiangxi Sheng
Tungsten	Global Tungsten & Powders Corp.	Global Tungsten & Powders Corp.	UNITED STATES OF AMERICA	CID000568	RMI	Towanda	Pennsylvania

Tungsten	GTP	Global Tungsten & Powders Corp.	UNITED STATES OF AMERICA	CID000568	RMI	Towanda	Pennsylvania
Tungsten	Guangdong Xianglu Tungsten Co., Ltd.	Guangdong Xianglu Tungsten Co., Ltd.	CHINA	CID000218	RMI	Chaozhou	Guangdong Sheng
Tungsten	H.C. Starck Smelting GmbH & Co. KG	H.C. Starck Smelting GmbH & Co. KG	GERMANY	CID002542	RMI	Laufenburg	Baden-Württemberg
Tungsten	H.C. Starck Tungsten GmbH	H.C. Starck Tungsten GmbH	GERMANY	CID002541	RMI	Goslar	Niedersachsen
Tungsten	Han River Pelican State Alloy Co., Ltd.	Ganzhou Jiangwu Ferrotungsten Co., Ltd.	CHINA	CID002315	RMI	Ganzhou	Jiangxi Sheng
Tungsten	Human Chun-Chang non-ferrous Smelting & Concent	Hunan Chunchang Nonferrous Metals Co., Ltd.	CHINA	CID000769	RMI	Hengyang	Hunan Sheng
Tungsten	Hunan Chenzhou Mining Co., Ltd.	Hunan Chenzhou Mining Co., Ltd.	CHINA	CID000766	RMI	Yuanling	Hunan Sheng
Tungsten	Hunan Chenzhou Mining Group Co., Ltd.	Hunan Chenzhou Mining Co., Ltd.	CHINA	CID000766	RMI	Yuanling	Hunan Sheng
Tungsten	Hunan Chuangda Vanadium Tungsten Co., Ltd. Wuji	Hunan Chuangda Vanadium Tungsten Co., Ltd. Wuji	CHINA	CID002579	RMI	Hengyang	Hunan Sheng
Tungsten	Hunan Chunchang Nonferrous Metals Co., Ltd.	Hunan Chunchang Nonferrous Metals Co., Ltd.	CHINA	CID000769	RMI	Hengyang	Hunan Sheng
Tungsten	Hunan Litian Tungsten Industry Co., Ltd.	Hunan Litian Tungsten Industry Co., Ltd.	CHINA	CID003182	RMI	Yiyang	Hunan Sheng
Tungsten	Hydrometallurg, JSC	Hydrometallurg, JSC	RUSSIAN FEDERATION	CID002649	RMI	Nalchik	Kabardino-Balkarskaya Respublika
Tungsten	Japan New Metals Co., Ltd.	Japan New Metals Co., Ltd.	JAPAN	CID000825	RMI	Akita City	Akita
Tungsten	Jiangwu H.C. Starck Tungsten Products Co., Ltd.	Jiangwu H.C. Starck Tungsten Products Co., Ltd.	CHINA	CID002551	RMI	Ganzhou	Jiangxi Sheng
Tungsten	Jiangxi Dayu Longxintai Tungsten Co., Ltd.	Jiangxi Dayu Longxintai Tungsten Co., Ltd.	CHINA	CID002647	RMI	Huanglong	Jiangxi Sheng
Tungsten	Jiangxi Gan Bei Tungsten Co., Ltd.	Jiangxi Gan Bei Tungsten Co., Ltd.	CHINA	CID002321	RMI	Xiushui	Jiangxi Sheng
Tungsten	Jiangxi Minmetals Gao'an Non-ferrous Metals Co., Lt	Jiangxi Minmetals Gao'an Non-ferrous Metals Co., Ltd.	CHINA	CID002313	RMI	Gao'an	Jiangxi Sheng
Tungsten	Jiangxi Tonggu Non-ferrous Metallurgical & Chemical	Jiangxi Tonggu Non-ferrous Metallurgical & Chemical Co., Ltd.	CHINA	CID002318	RMI	Tonggu	Jiangxi Sheng
Tungsten	Jiangxi Tungsten Co Ltd	Ganzhou Huaxing Tungsten Products Co., Ltd.	CHINA	CID000875	RMI	Ganzhou	Jiangxi Sheng
Tungsten	Jiangxi Tungsten Industry Group Co. Ltd.	Ganzhou Huaxing Tungsten Products Co., Ltd.	CHINA	CID000875	RMI	Ganzhou	Jiangxi Sheng
Tungsten	Jiangxi Xinsheng Tungsten Industry Co., Ltd.	Jiangxi Xinsheng Tungsten Industry Co., Ltd.	CHINA	CID002317	RMI	Ganzhou	Jiangxi Sheng
Tungsten	Jiangxi Yaosheng Tungsten Co., Ltd.	Jiangxi Yaosheng Tungsten Co., Ltd.	CHINA	CID002316	RMI	Ganzhou	Jiangxi Sheng
Tungsten	JSC "Kirovgrad Hard Alloys Plant"	JSC "Kirovgrad Hard Alloys Plant"	RUSSIAN FEDERATION	CID003408	RMI	Kirovgrad	Sverdlovskaya oblast'
Tungsten	Kennametal Fallon	Kennametal Fallon	UNITED STATES OF AMERICA	CID000966	RMI	Fallon	Nevada
Tungsten	Kennametal Huntsville	Kennametal Huntsville	UNITED STATES OF AMERICA	CID000105	RMI	Huntsville	Alabama
Tungsten	KGETS Co., Ltd.	KGETS Co., Ltd.	KOREA, REPUBLIC OF	CID003388	RMI	Siheung-si	Gyeonggi-do
Tungsten	Lianyou Metals Co., Ltd.	Lianyou Metals Co., Ltd.	TAIWAN, PROVINCE OF CHINA	CID003407	RMI	Fangliao	Pingtung
Tungsten	Malipo Haiyu Tungsten Co., Ltd.	Malipo Haiyu Tungsten Co., Ltd.	CHINA	CID002319	RMI	Nanfeng Xiaozhai	Yunnan Sheng
Tungsten	Masan Tungsten Chemical LLC (MTC)	Masan Tungsten Chemical LLC (MTC)	VIET NAM	CID002543	RMI	Dai Tu	Thái Nguyên
Tungsten	Moliren Ltd.	Moliren Ltd.	RUSSIAN FEDERATION	CID002845	RMI	Roshal	Moskovskaja oblast'
Tungsten	Niagara Refining LLC	Niagara Refining LLC	UNITED STATES OF AMERICA	CID002589	RMI	Depew	New York
Tungsten	Nui Phao H.C. Starck Tungsten Chemicals Manufactu	Masan Tungsten Chemical LLC (MTC)	VIET NAM	CID002543	RMI	Dai Tu	Thái Nguyên
Tungsten	Philippine Chuangxin Industrial Co., Inc.	Philippine Chuangxin Industrial Co., Inc.	PHILIPPINES	CID002827	RMI	Marilao	Bulacan
Tungsten	Shaoguan Xinhai Rendan Tungsten Industry Co. Ltd	Xinhai Rendan Shaoguan Tungsten Co., Ltd.	CHINA	CID002095	RMI	Shaoguan	Guangdong Sheng
Tungsten	South-East Nonferrous Metal Company Limited of He	South-East Nonferrous Metal Company Limited of Hengyang City	CHINA	CID002815	RMI	Hengyang	Hunan Sheng
Tungsten	Tejing (Vietnam) Tungsten Co., Ltd.	Tejing (Vietnam) Tungsten Co., Ltd.	VIET NAM	CID001889	RMI	Halong City	Tây Ninh
Tungsten	Unecha Refractory metals plant	Unecha Refractory metals plant	RUSSIAN FEDERATION	CID002724	RMI	Unecha	Bryanskaya oblast'
Tungsten	WBH	Wolfram Bergbau und Hutten AG	AUSTRIA	CID002044	RMI	St. Martin i-S	Steiermark
Tungsten	WBH,Wolfram [Austria]	Wolfram Bergbau und Hutten AG	AUSTRIA	CID002044	RMI	St. Martin i-S	Steiermark
Tungsten	Wolfram Bergbau und Hutten AG	Wolfram Bergbau und Hutten AG	AUSTRIA	CID002044	RMI	St. Martin i-S	Steiermark
Tungsten	Wolfram Bergbau und Hütten AG	Wolfram Bergbau und Hutten AG	AUSTRIA	CID002044	RMI	St. Martin i-S	Steiermark
Tungsten	Woltech Korea Co., Ltd.	Woltech Korea Co., Ltd.	KOREA, REPUBLIC OF	CID002843	RMI	Gyeongju-si	Gyeongsangbuk-do
Tungsten	Xiamen H.C.	Xiamen Tungsten (H.C.) Co., Ltd.	CHINA	CID002320	RMI	Xiamen	Fujian Sheng
Tungsten	Xiamen Tungsten (H.C.) Co., Ltd.	Xiamen Tungsten (H.C.) Co., Ltd.	CHINA	CID002320	RMI	Xiamen	Fujian Sheng
Tungsten	Xiamen Tungsten Co., Ltd.	Xiamen Tungsten Co., Ltd.	CHINA	CID002082	RMI	Xiamen	Fujian Sheng
Tungsten	Xinfeng Huarui Tungsten & Molybdenum New Materia	Xinfeng Huarui Tungsten & Molybdenum New Material Co., Ltd.	CHINA	CID002830	RMI	Ganzhou	Jiangxi Sheng
Tungsten	Xinhai Rendan Shaoguan Tungsten Co., Ltd.	Xinhai Rendan Shaoguan Tungsten Co., Ltd.	CHINA	CID002095	RMI	Shaoguan	Guangdong Sheng
Tungsten	Zhangyuan Tungsten Co Ltd	Chongyi Zhangyuan Tungsten Co., Ltd.	CHINA	CID000258	RMI	Ganzhou	Jiangxi Sheng
Tungsten	Smelter not listed						
Tungsten	Smelter not yet identified	Unknown	Unknown				