DOCUMENT TITLE
Conflict Minerals Reporting Template
SHEET
1 of 8



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.

to result	in substant	ial changes to the	e data being reported. The addition of a letter (e.g., "a", or smelter list has been updated from the DESCRIPTION OF FUNCTIONAL CHANGE	"b", or "c") following the revision number indicate that only the standard e prior version. UPDATES TO SMELTER LIST
2	Jared Connors, Intel Jared	July 19th, 2011 Aug 29th, 2012	New Release Major update to functionality including: addition of the known smelter list, addition	
2.01	Connors, Intel Jared Connors, Intel	Dec 21st, 2012	of declaration scope including product tab, and added and modified multiple questions and / or their responses. List of changes to the template functionality: 1. Modified Smelter List tab to prevent smelter rows from wrapping text. This was	New. 1. Added "CV DS Jaya Abadi" an alias to "PT Stanindo Inti Perkasa" 2. Added "Mentok" as an alias to "PT Tambang Timah"
			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.	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 "Kernet Blue Powder" 8. Added "Nihon Material Co. LTD" as a gold refiner 9. Added "Aida Chemical Industries 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 Metals Co
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	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 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"
			 Adding Italian translation Allow for deletion of rows in Smelter List tab Removed hover over text in column C of Smelter List tab Inserted additional rows for data entry on the Smelter List tab up to 2,500 rows Made smelter ID numbers visible in Smelter List tab Removed language selection from individual tabs, all controlled on Declaration tab Updated template to prevent users from adding tabs to the worksheet Added statement at the top of the revision history tab clarifying purpose of .0x revision updates 	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 Metaluroia" as a tin smelter 11. Corrected spelling of "jiujiang Tambre" 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 "PT Tommy Utama" 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
2.03	Akimasa	July 12th, 2013	Resolved Excel 2003 incompatibility with programming for multiple languages.	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 38. Added "GAMMONIMETALS Cores" as gold smelter 39. Added "Fujian Jinxin Tungsten Co., Ltd." as tungsten refiner
	Yamakawa, JEITA / John Plyler, BlackBerry		 Minor corrections to row number references in the instructions. Added translation on checker sheet for the Column Name "Hyperlink to Source" Corrected Japanese translation of "authorized representative" and "representative" on Declaration worksheet. Adjusted row spacing of misc cells to allow for different lengths of translated text and comments. Removed the symbols for the metals on the standard smelter list (e.g., "Sn"). 	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" 9. Added "LMS Brasil S.A." as tantalum smelter
2.03a	John Plyler, BlackBerry	July 25th, 2013	No functional change.	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)" 19. Corrected the spelling of "Asahi Pretec Corp" to "Asahi Pretec Corporation" 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" 28. Corrected the spelling of "ALMIT" to "A.L.M.T. Corp." 2. Added "A.L.M.T. Tungsten Corp", "Allied Material Corp", and "ALMIT" as aliases of "A.L.M.T. Corp." 3. Corrected country of "A.L.M.T. Corp." to "Japan" and smelter ID to "4JPN020"
3.00	Akimasa Yamakawa,	April 9th, 2014	Major update to synchronize the CFSI CMRT with the data fields in the newly published IPC-1755 Standard. Changes include:	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 7. Added "Kennametal" as an alias of "Kennametal Inc." Added the following gold refiners: 1. Bauer Walser AG
	JEITA, and John Plyler, BlackBerry, under the direction of the CFSI Due Diligence Workgroup		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.	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. Ganesu Seemine Material H-Tech Co Ltd 9. Guancidona Juridina Gold Limited 11. Hunan Chenzhou Mining Industry Group 12. Kennecott Lubit Copper Ltd. 12. Lingbao Jinyusn Tonghui Refinery Co., Ltd 13. Lingbao Jinyusn Tonghui Refinery Co., Ltd 15. Metalor Technologies (Singapore) Pie. Ltd. 16. Orbura Precious Metal Industry Co., Ltd 17. Penglai Penggang Gold Industry Co. Ltd 18. So Accurate Group, Inc. 19. Tongling nonferrous Metals Group Co., Ltd 17. YamMADTO PRECICUS METAL CO., LTD. 22. Yunanan Cooper Industry Co Ltd Added the following tantalum smetters: 1. Changsha South Tariahum Nobium Co. Ltd 2. Guangdong Jiryuan New Metarials Co., Ltd 2. Healungical Products India (Pv.) Ltd. 3. Hengyang King Xing Lifeng New Materials Co., LTD 4. Metallurgical Products India (Pv.) Ltd. 5. Mineração Taboca S.A. 6. Shanghai Jiangi Metalis Co. Ltd 2. Shanghai Jiangi Metalis Co. Ltd 2. Shanghai Jiangi Metalis Co., Ltd. 3. Jiangivi Simpais Metalis Co., Ltd. 4. Jiangi Tongja Metalis Co., Ltd. 5. Jiangi Richsea New Materials Co., Ltd. 6. Jiangi Xinsheng Tungsten Industry Co., Ltd. 6. Jiangi Xinsheng Tungsten Industry Co., Ltd. 7. Malipo Halyu Tungsten Industry Co. Ltd. 7. Malipo Halyu Tungsten Industry Co. Ltd. 7. Malipo Halyu Tungsten Industry Co. Ltd. 7. Pri Refined Bard Air Tir i Crif Pri Refined Bangka Tir i T
3.01	Akimasa Yamakawa, JEITA, and John Plyler, BlackBerry, under the direction of the	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.	Changed numerous "Alias" names of smelters and refiners. 1. Added the tin smelter "Melt Metais e Ligas S/A" 2. Added the tungsten refiner "Vietnam Youngsun Tungsten Industry Co., Ltd"
3.02	CFSI Due Diligence Workgroup John Plyler, BlackBerry, under the direction of the CFSI Due Diligence Data Collection	Nov 7th, 2014	Revisions to the German language translation throughout. 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	Workgroup 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	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	Workgroup CFSI Due Diligence Data Collection	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	Workgroup CFSI Due Diligence Data Collection	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	Workgroup CFSI CMRT Team	April 29, 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. 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/.

CFSI website: (www.conflictfreesourcing.org)

Training and guidance, template, Conflict-Free Smelter Program compliant smelter list.



Introduction

This Conflict Minerals Reporting Template (Template) is a free, standardized reporting template created by the Electronic Industry Citizenship Coalition® (EICC®) and the Global e-Sustainability Initiative (GeSI). 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 Conflict-Free Smelter Program**.

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 CFSP protocols, we recommend you enter your own name in the smelter list tab.

When filling out the form, none of the cell entries should start will "=" or "#."

* 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 Conflict-Free Sourcing Initiative (www.conflictfreesourcing.org).

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 implementation. This field is mandatory.
- 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 the authorizer. This field is mandatory.
- 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 implementation. This field is mandatory.
- 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 section can be used to determine applicability and completeness of 3TG reporting.

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 and/or question 2 is positive, then the subsequent questions shall be completed for that metal and the following due diligence questions (A to J) shall be completed about the company's overall due diligence program.

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" 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. This response to this question serves to exclude any trace level contaminants such as tin in steel.

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 either "yes" or "no". This question is mandatory.

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

2. 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 SEC's final rules regarding the determination if a 3TG is "necessary to the production" of a product. This question is separate and independent from the question and response to question 1. This query is intended to identify 3TGs which are intentionally used in the manufacturing process of a product and where some amount of the 3TG remains in the finished product. These 3TGs likely were not intended to become part of the final product nor are they likely "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 used during the manufacturing process, be completely removed during that process, the response to this question would be "no."

This question shall be answered for each 3TG. Valid answers to this question are either "yes" or "no". This question is mandatory.

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 query shall be "yes", "no", or "unknown". Substantiate a "Yes" answer in the comments section.

This question is mandatory for a specific metal if the response to Question 1 or 2 is "Yes" for that metal.

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 query shall be "yes", "no", or "unknown". This question is mandatory for a specific metal if the response to Question 1 or 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 100% of the 3TG comes from recycled or scrap sources.
- 5. This is a declaration 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:
- Yes, 100%
- No, but greater than 75%
- No, but greater than 50%
- No, but greater than 25%
- No, but less than 25%
- None

This question is mandatory for a specific metal if the response to Question 1 or 2 is "Yes" for that metal.

- 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. This question is mandatory for a specific metal if the response to Question 1 or 2 is "Yes" for that metal.
- 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 specific metal if the response to Question 1 or 2 is "Yes" for that metal.

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

Instructions for completing Questions A. – J. (rows 69 - 87). Questions A. through J. are mandatory if the response to Question 1 or 2 is "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 J. 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. Please answer "Yes" or "No". Provide any comments, if necessary.
- B. Please answer "Yes" or "No" If "Yes", provide the web link in the comments section.
- C. Please answer "Yes" or "No". Provide any comments if necessary. See Definitions worksheet for definition of "DRC conflict-free".
- 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 query shall be "yes" or "no". 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 Guidance.

- F. This is a declaration to disclose whether a company requests their supplier to fill out a conflict minerals declaration. The answer to this query shall be "yes" or "no" along with a comment in certain cases, i.e., to provide the format used for collecting information. This question is mandatory.
- G. Please answer "Yes" or "No". Provide any comments, if necessary.
- H. 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 personnel.

- . Please answer "Yes" or "No". If "Yes", please describe how you manage your corrective action process.
- J. Please answer "Yes" or "No". The SEC conflict minerals disclosure requirements apply to US exchange-traded companies that are subject to the US Securities Exchange Act. For more information please refer to www.sec.gov.

Instructions for completing the Smelter List Tab.

Provide answers in ENGLISH only

Note: Columns with (*) are mandatory fields

This template allows for smelter identification using the Smelter Reference List. Columns B,C,D and E must be completed in order from left to right to utilize the Smelter Reference List feature.
Use a separate line for each metal/smelter/country combination

- 1. Smelter Identification Input Column If you know the Smelter Identification Number, input the number in Column A (columns B, C, D, 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 Reference List(*) 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 D and E will autopopulate to say, 'unknown.' This field is mandatory.
- 4. Smelter Name (*)- 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. This field is mandatory.
- 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 Facility Contact person who you worked with.

- 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 Name before completing this field.
- 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.

"RCOI confirmed as per CFSI" may be an acceptable answer to this question.

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.

"RCOI confirmed as per CFSI" may be an acceptable answer to this question.

- 15. Does 100% of the smelter's feedstock originate from recycled or scrap sources? Please answer "Yes" if the smelter solely obtains inputs for its smelting process(es) from recycled or scrap sources. Answer "No" otherwise.
- 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.

TERMS AND CONDITIONS

The Conflict-Free Smelter Program ("Program") Compliant Smelter List (the "List") and Program 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 Electronic Industry Citizenship Coalition, Incorporated, a Delaware non-stock corporation ("EICC"), or of the Global e-Sustainability Initiative, a Belgian international not-for-profit association ("GeSI"). 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.

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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

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ITEM	DEFINITION	An inklative of the EICC and Get
3TG	Tantalum, tin, tungsten, gold	
Authorizer	This field identifies the person responsible for the content of the declaration. The abe a different individual from the contact person. It is not correct to use the words	
CFSP Compliant Smelter List	similar identification to provide the name of the authorizer. The Conflict- Free Smelter Program (CFSP) Compliant Smelter List is a published li and refiners that have undergone assessment through the CFSP, a program of the Courcing Initiative (CFSI) or industry equivalent program (such as Responsible Jet Council or London Bullion Market Association) and have been validated to be in conthe protocols. If a smelter or refiner is not on the list, it has either not completed assessment or is not in compliance with the CFSP protocol.	Conflict-Free wellery mpliance with
	A list of smelters and refiners which have been validated to be compliant to the CF found at www.conflictfreesourcing.org.	SP can be
Conflict-Free Smelter Program (CFSP)	The Conflict-Free Smelter Program (CFSP) is a program developed by the EICC and enhance company capability to verify the responsible sourcing of metals. Further dCFSP can be found here: http://www.conflictfreesourcing.org/conflict-free-smelter	details of the
Conflict-Free Sourcing Initiative	Founded in 2008 by members of the Electronic Industry Citizenship Coalition and t Sustainability Initiative, the Conflict-Free Sourcing Initiative has grown into one of utilized and respected resources for companies addressing conflict minerals issues	f the most
	supply chains. Over 150 companies from seven different industries participate in the contributing to a range of tools and resources including the Conflict-Free Smelter From Conflict Minerals Reporting Template, Reasonable Country of Origin Inquiry data a guidance documents on conflict minerals sourcing. The CFSI also runs regular work conflict minerals issues and contributes to policy development and debates with lessociety organizations and governments. Additional information is available at http://www.conflictfreesourcing.org.	he CFSI today Program, the Ind a range of kshops on
Conflict Mineral	As defined in 2010 United States legislation, Dodd-Frank Wall Street Reform and Contection Act, Section 1502(e)(4): CONFLICT MINERAL.—The term "conflict mineral" means— (A) columbite-tantalite (coltan), cassiterite, gold, wolframite, or their derivatives; (B) any other mineral or its derivatives determined by the Secretary of State to be conflict in the Democratic Republic of the Congo or an adjoining country. (available http://www.sec.gov/about/laws/wallstreetreform-cpa.pdf)	or financing
Covered Country(ies)	Covered Country(ies) as defined by the United States Dodd-Frank Wall Street Reforms Consumer Protection Act of 2010. These countries include the Democratic Republicand the nine countries with which it shares an internationally recognized border: A	c of the Congo
Declaration Scope or Class	Burundi, Central African Republic, Republic of the Congo, Rwanda, South Sudan, Ta For the purposes of this template, "scope" describes the applicability of the inform by the reporting company. The scope may encompass the entirety of a company's	nation provide services
Dodd-Frank	and/or products, or at a company's discretion, the template may be used to report product (or products), or, be 'User defined'. The 'User defined' scope selection or used to describe any subset of a company's operation or product portfolio.	class may be
DOGG-Frank DRC	2010 United States legislation, Dodd-Frank Wall Street Reform and Consumer Prote Section 1502 ("Dodd-Frank") (http://www.sec.gov/about/laws/wallstreetreform Democratic Republic of Congo	
	_ ss. and republic of congo	
DRC conflict-free	Products that do not contain minerals that directly or indirectly finance or benefit a in the Democratic Republic of the Congo or an adjoining country. Source: 2010 Un	ited States
EICC	legislation, Dodd-Frank Wall Street Reform and Consumer Protection Act, Section 1 (http://www.sec.gov/about/laws/wallstreetreform-cpa.pdf) Electronic Industry Citizenship Coalition (www.eicc.info)	
GeSI	Global e-Sustainability Initiative (www.gesi.org)	
Gold (Au) refiner (smelter)	A gold refiner is a metallurgical operation that produces fine gold with a concentra or higher from gold and gold-bearing materials with lower concentrations. Refer to	
Independent Third-Party Audit	or higher from gold and gold-bearing materials with lower concentrations. Refer to audit protocol for this metal for a complete description: http://www.conflictfreesourcing.org/audit-protocols-procedures/. With respect to smelter audits, an "Independent Third-Party Audit Firm" is a private	
Firm	organization competent in evaluating the smelter or refiner's materials traceability standards of the CFSP or equivalent audit protocols. To maintain neutrality and im such organization and its audit team members must have no conflicts of interest w	against the partiality,
Intentionally added	Intentionally added is commonly known as the deliberate use of a substance, or in metal, in the formulation of a product where continued presence is desired to prov characteristic, appearance or quality.	
	While the SEC does not define the phrase "intentionally added" in the final rule*, the preamble states: "[W]e agree that being intentionally added, rather than being a naturally-occurring is a significant factor in determining whether a conflict mineral is "necessary to the or production" of a product. This is true regardless of who intentionally added the mineral to the product so long as it is contained in the product. [D]etermining whe mineral is considered "necessary" to a product should not depend on whether the mineral is added directly to the product by the issuer or whether it is added to a contained that the issuer receives from a third party. Instead, the issuer should totality of the product and work with suppliers to comply with the requirements." Indetermining whether a conflict mineral is "necessary" to a product, an issuer must conflict mineral contained in its product, even if that conflict mineral is only in the because it was included as part of a component of the product that was manufactured by a third party." *(56296 Federal Register / Vol. 77, No. 177 / Wednesday, September 12, 2012 / Regulations)	g by-product, ne functionalist conflict ether a conflict conflict omponent of report on the Therefore, in t consider and product ured originally
IPC	IPC (www.IPC.org) is a global industry association based in Bannockburn, III., decompetitive excellence and financial success of its 3,400 member companies which facets of the electronics industry, including design, printed board manufacturing, easembly and test. As a member-driven organization and leading source for indust training, market research and public policy advocacy, IPC supports programs to most of an estimated \$2.0 trillion global electronics industry. IPC maintains additional on N.M.; Washington, D.C.; Stockholm, Sweden; Moscow, Russia; Bangalore, India; Bathailand; and Shanghai, Shenzhen, Chengdu, Suzhou and Beijing, China.	h represent a electronics ry standards, eet the needs offices in Taos
IPC-1755 Conflict Minerals Data Exchange Standard	This IPC standard establishes the requirements for exchanging conflict minerals day 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	tandard
Necessary for the Functionality of a Product	standard is not a compliance guide. The SEC does not provide a formal definition of this phrase in the final rule*, howe some guidance: A conflict mineral will be considered to be necessary to its function product if it meets the following: 1) is intentionally added to the product or any conthe product and is not a naturally-occurring byproduct; 2) is necessary to the product expected function, use or purpose; and 3) is incorporated for the purpose of ornami decoration, or embellishment, whether the primary purpose of the product is ornamidecoration.	ever it provide mality of a emponent of luct's general nentation,
	NOTE: The conflict mineral must be contained in the product to be applicable. *(56296 Federal Register / Vol. 77, No. 177 / Wednesday, September 12, 2012 / R	≀ules and
Necessary for the Production of a Product	Regulations) The SEC does not provide a formal definition of this phrase in the final rule*; howe provides some guidance: A conflict mineral will be considered to be necessary to to a product when: 1) it is intentionally included in the product's production process if it is included in a tool, machine, or equipment used to produce the product (such or power lines); 2) it is included in the product (MUST be contained in the product applicable); and 3) it is necessary to the product. *(56296 Federal Register / Vol. 77, No. 177 / Wednesday, September 12, 2012 / Register / Vol. 77, No. 177 / Wednesday, September 12	the production ss, other than as computer to be
OECD	Regulations) Organisation for Economic Co-operation and Development	
Product	A company's Product or Finished good is a material or item which has completed to of manufacturing and/or processing and is available for distribution or sale to customate the complete of the company's processing and it is available for distribution or sale to customate the company's product or Finished good is a material or item which has completed the company's product or Finished good is a material or item which has completed the company's product or Finished good is a material or item which has completed the company's product or Finished good is a material or item which has completed the company's product or Finished good is a material or item which has completed the company's product or Finished good is a material or item which has completed the company's product or Finished good is a material or item which has completed the company's product or processing and its available for distribution or sale to customate the company of the co	_
Recycled or Scrap Sources	Recycled or scrap sources are recycled metals, that are reclaimed end-user or post products, or scrap processed metals created during product manufacturing. Recycl includes excess, obsolete, defective, and scrap metal materials that contain refined metals that are appropriate to recycle in the production of tin, tantalum, tungsten a Minerals partially processed, unprocessed or byproducts from other ores are not in definition of recycled metal.	led metal d or processe and/or gold.
SEC Smelter	U.S. Securities and Exchange Commission (www.sec.gov) A smelter or refiner is a company that procures and processes mineral ore, slag an	nd/or matoric
Smelter Smelter Identification Number	A smelter or refiner is a company that procures and processes mineral ore, slag an from recycled or scrap sources into refined metal or metal containing intermediate output can be pure (99.5% or greater) metals, powders, ingots, bars, grains, oxide terms "smelter" and "refiner" are used interchangeably throughout various publicated A unique identification number the CFSI assigns to companies that have been reported by the supply chain as smelters or refiners, whether or not they have been meet the characteristics of smelters or refiners as defined in the CFSP audit protocol.	e products. Thes or salts. The ations. orted by en verified to
Tantalum (Ta) smelter	A tantalum smelter (also known as a processor) is defined as a company that convocationing ores, concentrates, slags or secondary materials into tantalum intermed or other tantalum containing products for direct sales or further processing into Taproducts, such as Tapowders, Tacomponents, Taoxides, alloys, wires, sintered by to the CFSP audit protocol for this metal for a complete description at: http://www.conflictfreesourcing.org/audit-protocols-procedures/.	diate products a-containing
Tin (Sn) smelter	Primary [tin] smelters are companies with one or more facilities treating tin contain concentrates in order to produce tin metal. Secondary [tin] smelters are companies more facilities that treat secondary materials by reduction for the production of crugade tin or tin product such as solder. A smelter as referred to within this audit properate as either one or both types of business operation. Refer to the CFSP audit this metal for a complete description: http://www.conflictfreesourcing.org/audit-	es with one or ude or higher protocol may protocol for
Tungsten (W) smelter	procedures/. A company with one or more facilities that converts W-containing ores (such as we scheelite), W concentrates, or W-bearing scrap (secondary material) into tungster intermediates such as Ammonium Para-Tungstate (APT), Ammonium Meta-Tungstate ferrotungsten, and tungsten oxides for direct sales or further processed into W-corproducts (such as W powder or W-carbide powder). Refer to the CFSP audit protocometal for a complete description: http://www.conflictfreesourcing.org/audit-protocometal.	olframite and n containing ate (AMT), ntaining col for this



Conflict Minerals Reporting Template (CMRT)

An initiative of the EICC and GeSI The purpose of		ields are noted with	an asterisk (*).	Click here to check required fields completion a products	Revision 4.20 November 30, 2016 Link to Terms & Conditions
		United Performance			
	Company Name (*): Declaration Scope or Class (*):	B. Product (or List of			
Go to Product Li	ist tab to enter products this declaration applies to	Click here to enter t	ne products this decla	aration applies to	
	Company Unique ID:				
	Company Unique ID Authority: Address:				
	Contact Name (*):	Brad Butler			
	Email - Contact (*):	bbutler@upmet.con	1		
	Phone - Contact (*):	513-860-6500			
	Authorizer (*):	Brad Butler			
	Title - Authorizer:	Compliance Manage			
			1		
	Phone - Authorizer (*): Effective Date (*):	513-860-6500	-2017		
	Effective Date (*).	1-jan	-2017		
	Answer the following question	s 1 - 7 based on the c	eclaration scope in	dicated above	
1) Is the 3TG intentionally added to your production	duct? (*)	Answer		Comments	
	Tantalum (*)	Yes		See 718, A20 on product list	
	Tin (*)	Yes		See 410 Stainless on product list	
	Gold (*)	No			
	Tungsten (*)	Yes		See Nickel and Cobalt grades on product list	
2) Is the 3TG necessary to the production of y finished product that your company manufac	our company's products and contained in the tures or contracts to manufacture? (*)	Answer		Comments	
	Tantalum (*)	Yes			
	Tin (*)	Yes			
	Gold (*)	No			
	Tungsten (*)	Yes			
3) Do any of the smelters in your supply chair term, see definitions tab) (*)	n source the 3TG from the covered countries? (SEC	Answer		Comments	
	Tantalum (*)			N/A. All material used in the mill process, for UPM pmaterial.	
	Tin (*)	No		N/A. All material used in the mill process, for UPM process.	procduct is sourced from scrap/recycled
	Gold				
	Tungsten (*)	No		N/A. All material used in the mill process, for UPM pmaterial.	procduct is sourced from scrap/recycled
	the functionality or production of your products)				
originate from recycled or scrap sources? (*)		Answer		Comments	
	Tantalum (*)	Yes			
	Tin (*)	Yes			
	Gold				
	Tungsten (*)	Yes			
5) Have you received data/information for ea	ach 3TG from all relevant suppliers? (*)	Answer		Comments	
	Tantalum (*)	Yes, 100%			
	Tin (*)	Yes, 100%			
	Gold				
	Tungsten (*)	Yes, 100%			
	i ungsten ()	-,, -			
6) Have you identified all of the smelters supp	plying the 3TG to your supply chain? (*)	Answer		Comments	
	Tantalum (*)	No			
	Tin (*)				
	()				

Tungsten (*) No



J. Are you subject to the SEC Conflict Minerals rule? (*)

Select Language Preference Here: 清选择你的语言: 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:

Conflict Minerals Reporting Template (CMRT)

<u>English</u>

Click here to check required fields completion

<u>Selezionare la lingua di preferenza qui:</u> <u>Burada Dil Tercihini Belirleyin:</u>			Revision 4.20 November 30, 2016
The purpose of this document is to collect sourcing information on	tin, tantalum, tungs	ten and gold used in products	Link to Terms & Conditions
Mandatory f	ields are noted with	an acterick (*)	
Manuatory i	ieius ai e noteu with	an asterisk ().	
7) Has all applicable smelter information received by your company been reported in this			
declaration? (*)	Answer	Comments	
Tantalum (*)	No		
Tin (*)	No		
Gold	N		
Tungsten (*)	No		
Answer the Fol	lowing Questions at	a Company Level	
Question	Answer	Comments	
A. Do you have a policy in place that addresses conflict minerals sourcing? (*)	Yes		
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	<u>WWW.UPMET.COM</u>	
shall specify the ORL III the comment held.) ()			
C. Do you require your direct suppliers to be DRC conflict-free? (*)	Yes	Flow down within spec UPM QRS 001	
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? (*)	No	N/A. Only scrap/recycled materials are	used.
Commence of the second control of the			
	Vac		
E. Have you implemented due diligence measures for conflict-free sourcing? (*)	Yes		
E. Do you collect conflict minerals due diligence information from your cumplions which is in			
F. Do you collect conflict minerals due diligence information from your suppliers which is in conformance with the IPC-1755 Conflict Minerals Data Exchange standard [e.g., the CFSI Conflict Minerals Reporting Template]? (*)	Yes		
G. Do you request smelter names from your suppliers? (*)	Yes		
** D			
H. Do you review due diligence information received from your suppliers against your company's expectations? (*)	Yes		
I. Does your review process include corrective action management? (*)	Yes		

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, D, E, F, G, I, and J will auto-populate).

Option B: If you have a Metal and Smelter Reference List name combination, complete the following steps:

Step 1. Select Metal in column B

Step 2. Select from dropdown in column C (wrong combination will trigger RED color)

Step 3. If dropdown selection is "Smelter Not Listed" complete columns D & E

Step 4. Enter all available smelter information in columns H thru P

Mandatory fields are noted with an asterisk (*).

NOTE: A combination of Options A and B can be used to complete the Smelter List tab. Do not alter autopopulated cells. All errors in the

Smelter Reference List should be reported to CFSI by contacting info@conflictfreesmelter.org.



Same		© 2016 Conflict-Free Sourcing Initiative. All rights reserved.								
Tin None. Scrap/recycled only Tungsten None. Scrap/recycled only	Identification Number Input	Metal (*)	Smelter Reference List (*)	Smelter Name (*)	Smelter Country (*)		Smelter Identification	Smelter Street	Smelter City	Location: State /
Tungsten None. Scrap/recycled only		Tantalum		None. Scrap/recycled only						
		Tin		None. Scrap/recycled only						
Cide		Tungsten		None. Scrap/recycled only						
		Gold		None. Scrap/recycled only						

Required fields remaining to be completed To ensure all required fields have been populated before submitting to your customers review form for any line items highlighted in red Click here to return to Declaration tab Click here to return to Smelter List Click here to return to Product List Hyperlink to source Required Fields Answer provided Notes Company Name (*): United Performance Metals Complete B. Product (or List of Products) Declaration Scope or Class (*): Complete omplete Contact Name (*): Brad Butler omplete Email – Contact (*): bbutler@upmet.com Complete 513-860-6500 Phone - Contact (*): Complete Authorizer (*): Brad Butler Complete Email - Authorizer (*): bbutler@upmet.com Complete 513-860-6500 Phone - Authorizer (*): omplete Effective Date (*): 1-Jan-2017 Complete 1) Is the 3TG intentionally added to your product? (*) Tantalum (*) omplete Tin (*) Complete Gold (*) omplete Complete Tungsten (*) 2) Is the 3TG necessary to the production of your company's products and contained in the finished product that your company manufactures or contracts to manufacture? (*) Tantalum (*) omplete Tin (*) complete Gold (*) omplete Tungsten (*) Complete 3) Do any of the smelters in your supply chain source the 3TG from the covered countries? (SEC term, see definitions tab) (*) Tantalum (*) Complete Tin (*) Complete omplete Tungsten (*) Complete 4) Does 100 percent of the 3TG (necessary to the functionality or production of your products) originate from recycled or scrap sources? (*) Tantalum (*) Complete Tin (*) Complete omplete Tungsten (*) Yes Complete 5) Have you received data/information for each 3TG from all relevant suppliers? (*) Yes, 100% Tantalum (*) omplete Yes, 100% Tin (*) Complete omplete Yes, 100% Tungsten (*) omplete 6) Have you identified all of the smelters supplying the 3TG to your supply chain? (*) Tantalum (*) omplete Tin (*) omplete omplete Tungsten (*) Complete 7) Has all applicable smelter information received by your company been reported in this declaration? (*) Tantalum (*) omplete Tin (*) omplete omplete Tungsten (*) Complete Question A. Do you have a policy in place that addresses conflict Yes omplete minerals sourcing? (*) B. Is your conflict minerals sourcing policy publicly available on your website? (Note – If yes, the user shall Yes specify the URL in the comment field.) (*) omplete The URL in the comment field WWW.UPMET.COM C. Do you require your direct suppliers to be DRC omplete conflict-free? (*) 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 omplete program? (*) E. Have you implemented due diligence measures for conflict-free sourcing? (*) Complete F. Do you collect conflict minerals due diligence formation from your suppliers which is in conformance vith the IPC-1755 Conflict Minerals Data Exchange Complete standard [e.g., the CFSI Conflict Minerals Reporting Template]? (*) G. Do you request smelter names from your suppliers? omplete H. Do you review due diligence information received from your suppliers against your company's expectations? (*) Complete Does your review process include corrective action Complete management? (*)

Complete

omplete

lot Required

ain on Smelter List tab

ain on Smelter List tab

ovide list of tantalum smelters contributing material to suppl

ovide list of tin smelters contributing material to supply chai

ovide list of tungsten smelters contributing material to supply

One or more product / item numbers have been

provided

J. Are you subject to the SEC Conflict Minerals rule? (*) No

All rows with "Smelter not listed" selected, have a name

Product List

melter List - Tantalum

melter List - Tin

Smelter List - Gold

melter List - Tungsten

nd country listed

Please answer Questions 1 and 2 on Declaration tab

Please answer Questions 1 and 2 on Declaration tab

Please answer Questions 1 and 2 on Declaration tab

Please complete columns D & E on Smelter List for all rows "Smelter Not Listed" selected in column C

Please answer Questions 1 and 2 on Declaration tab

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
400 Nickel Alloy	N04400	No conflict minerals
600 Nickel Alloy	N06600	No conflict minerals
601 Nickel Alloy	N06601	No conflict minerals
HX Nickel Alloy	N06002	Contains Tungsten from 100% scrap/recycled sources only
617 Nickel Alloy	N06617	No conflict minerals
625 Nickel Alloy	N06625	No conflict minerals
718 Nickel Alloy	N07718	Contains Tantalum from 100% scrap/recycled sources only
X-750 Nickel Alloy	N07750	Contains Tungsten from 100% scrap/recycled sources only
C263 Nickel Alloy	N07263	No conflict minerals
800 Nickel Alloy	N08800	No conflict minerals
800 H Stainless Steel	N08810	No conflict minerals
800 AT Stainless Steel	N08811	No conflict minerals
825 Nickel Alloy	N08825	No conflict minerals
20 Nickel Alloy	N08020	Contains Tantalum from 100% scrap/recycled sources only
C276 Nickel Alloy	N10276	Contains Tungsten from 100% scrap/recycled sources only
230	N06230	Contains Tungsten from 100% scrap/recycled sources only
WASPALOY	N07001	No conflict minerals
R41	N07041	No conflict minerals
1/41	N07041	No connect minerals
L605 Cobalt Alloy	R30605	Contains Tungston from 100% seran/regulad sources and
		Contains Tungsten from 100% scrap/recycled sources only
188 Cobalt Alloy	R30188	Contains Tungsten from 100% scrap/recycled sources only
17 A Dung initiation Head and Co. 1. Co. 1.	647400	No conflict using male
17-4 Precipitation Hardenable Stainless Steel	\$17400	No conflict minerals
17-7 Precipitation Hardenable Stainless Steel	\$17700	No conflict minerals
301 Stainless Steel	\$30100	No conflict minerals
302 Stainless Steel	\$30200	No conflict minerals
304 Stainless Steel	S30400	No conflict minerals
304L Stainless Steel	S30403	No conflict minerals
304H Stainless Steel	S30409	No conflict minerals
309 Stainless Steel	S30900	No conflict minerals
309S Stainless Steel	S30908	No conflict minerals
310 Stainless Steel	S31000	No conflict minerals
310S Stainless Steel	S31008	No conflict minerals
316 Stainless Steel	S31600	No conflict minerals
316L Stainless Steel	S31603	No conflict minerals
2205 Stainless Steel	S31803	No conflict minerals
321 Stainless Steel	S32100	No conflict minerals
321H Stainless Steel	S32109	No conflict minerals
347 Stainless Steel	S34700	No conflict minerals
347H Stainless Steel	S34709	No conflict minerals
410 Stainless Steel	S41000	Contains Tin from 100% scrap/recycled sources only
A286 Precipitation Hardenable Stainless Steel	S66286	No conflict minerals
A250 Fredipitation Hardenable Stairness Steel	300280	No connect minerals
Titanium Grade (according to ASTM B265)		
COMMERCIALLY PURE GRADE 1	LINC DECOSEO	No conflict minerals
	UNS R50250	
COMMERCIALLY PURE GRADE 2/2H	UNS R50400	No conflict minerals
COMMERCIALLY PURE GRADE 3	UNS R50550	No conflict minerals
COMMERCIALLY PURE GRADE 4	UNS R50700	No conflict minerals
6AL-4V GRADE 5	UNS R56400	No conflict minerals
CP GRADE 7	UNS R52400	No conflict minerals
TI ALLOY GRADE 12	UNS R53400	No conflict minerals
3AL-8V-6CR-4MO-4ZR ALLOY GRADE 19	UNS R58460	No conflict minerals
6AL-4V ELI ALLOY GRADE 23	UNS R56407	No conflict minerals

The following list represents the CFSI's latest smelter name/alias CFSI website http://www.conflictfreesourcing.org/conflict-free-sm within the Conflict-Free Smelter Program.

Please refer to the CFSI web site www.conflictfreesourcing.org for

Names included in column B represent company names that are c names, alternate names, abbreviations, or other variations. Altho listed under column C in the Smelter Reference List.

Column C is the list of the official standard smelter names, unders

Metal	Smelter Reference List
Gold	Abington Reldan Metals, LLC
Gold	Accurate Refining Group
Gold	Advanced Chemical Company
Gold	AGR Mathey
Gold	AGR(Perth Mint Australia)
Gold	Aida Chemical Industries Co., Ltd.
Gold	Al Etihad Gold Refinery DMCC
Gold	Allgemeine Gold-und Silberscheideanstalt A.G.
Gold	Almalyk Mining and Metallurgical Complex (AMMC)
Gold	Amagasaki Factory, Hyogo Prefecture, Japan
Gold	AngloGold Ashanti Córrego do Sítio Mineração
Gold	Anhui Tongling Nonferrous Metal Mining Co., Ltd.
Gold	ANZ (Perth Mint 4N)
Gold	Argor-Heraeus S.A.
Gold	Asahi Pretec Corp.
Gold Gold	Asahi Refining Canada Ltd.
Gold	Asahi Refining USA Inc. Asaka Riken Co., Ltd.
Gold	ATAkulche
Gold	Atasay Kuyumculuk Sanayi Ve Ticaret A.S.
Gold	AU Traders and Refiners
Gold	AURA-II
Gold	Aurubis AG
Gold	Bangalore Refinery
Gold	Bangko Sentral ng Pilipinas (Central Bank of the Philippines)
Gold	Boliden AB
Gold	C. Hafner GmbH + Co. KG
Gold	Caridad
Gold	CCR
Gold	CCR Refinery - Glencore Canada Corporation
Gold	Cendres + M?taux SA
Gold	Cendres + Métaux S.A.
Gold	Central Bank of the Philippines Gold Refinery & Mint
Gold	CHALCO Yunnan Copper Co. Ltd.
Gold	Chimet S.p.A.
Gold	China Henan Zhongyuan Gold Smelter
Gold	China's Shandong Gold Mining Co., Ltd
Gold	Chugai Mining
Gold	Daejin Indus Co., Ltd.
Gold	Daejin Industry
Gold	Daye Non-Ferrous Metals Mining Ltd.
Gold	Degussa Sonne / Mond Goldhandel GmbH
Gold	Do Sung Corporation
Gold	Doduco

Gold DODUCO GmbH Gold Dosung metal

Gold Dowa

Gold Dowa Kogyo k.k.

Gold Dowa Metalmine Co. Ltd
Gold Dowa Metals & Mining Co. Ltd
Gold DSC (Do Sung Corporation)
Gold Eco-System Recycling Co., Ltd.

Gold Elemetal Refining, LLC Gold Emirates Gold DMCC

Gold Fidelity Printers and Refiners Ltd.

Gold FSE Novosibirsk Refinery

Gold Fujian Zijin mining stock company gold smelter Gold Gansu Seemine Material Hi-Tech Co., Ltd.

Gold Geib Refining Corporation

Gold Gold Mining in Shandong (Laizhou) Limited Company

Gold Great Wall Precious Metals Co., LTD.

Gold Great Wall Precious Metals Co., Ltd. of CBPM

Gold Guangdong Gaoyao Co

Gold Guangdong Jinding Gold Limited

Gold Gujarat Gold Centre

Gold Guoda Safina High-Tech Environmental Refinery Co., Ltd.

Gold Hangzhou Fuchunjiang Smelting Co., Ltd.

Gold Heimerle + Meule GmbH

Gold Henan Zhongyuan Gold Refinery Co., Ltd.

Gold Henan Zhongyuan Gold Smelter of Zhongjin Gold Co. Ltd.

Gold Henan Zhongyuan Gold Smelter of Zhongjin Gold Corporation Limi

Gold Heraeus Ltd. Hong Kong

Gold Heraeus Precious Metals GmbH & Co. KG

Gold Hunan Chenzhou Mining Co., Ltd.
Gold Hunan Chenzhou Mining Group Co., Ltd.
Gold Hunan Chenzhou Mining Industry Co. Ltd.

Gold HwaSeong CJ Co., Ltd.

Gold Inner Mongolia Qiankun Gold and Silver Refinery Share Co., Ltd.

Gold Ishifuku Metal Industry Co., Ltd.

Gold Istanbul Gold Refinery

Gold Japan Mint

Gold JCC

Gold Jiangxi Copper Co., Ltd.
Gold Johnson Matthey Canada
Gold Johnson Matthey Inc.
Gold Johnson Matthey Inc. (USA)
Gold Johnson Matthey Limited

Gold JSC Ekaterinburg Non-Ferrous Metal Processing Plant

Gold JSC Uralelectromed

Gold JX Nippon Mining & Metals Co., Ltd.

Gold Kaloti Precious Metals Gold Kazakhmys Smelting LLC

Gold Kazzinc

Gold Kennecott Utah Copper LLC Gold KGHM Polska Miedź Spółka Akcyjna

Gold Kojima Chemicals Co., Ltd.

Gold Kojima Kagaku Yakuhin Co., Ltd

Gold Kombinat Gorniczo Hutniczy Miedz Polska Miedz S.A.

Gold Korea Zinc Co., Ltd.
Gold Kyrgyzaltyn JSC
Gold La Caridad

Gold LAIZHOU SHANDONG

Gold L'azurde Company For Jewelry

Gold LinBao Gold Mining
Gold Lingbao Gold Co., Ltd.

Gold Lingbao Jinyuan Tonghui Refinery Co., Ltd.

Gold L'Orfebre S.A.

Gold LS-NIKKO Copper Inc.

Gold Luoyang Zijin Yinhui Gold Refinery Co., Ltd.

Gold Luoyang Zijin Yinhui Gold Smelting
Gold Luoyang Zijin Yinhui Metal Smelt Co Ltd

Gold Materion

Gold Matsuda Sangyo Co., Ltd.
Gold MEM(Sumitomo Group)

Gold Metal?rgica Met-Mex Pe?oles, S.A. de C.V

Gold Metalor Switzerland

Gold Metalor Technologies (Hong Kong) Ltd.
Gold Metalor Technologies (Singapore) Pte., Ltd.

Gold Metalor Technologies (Suzhou) Ltd.

Gold Metalor Technologies S.A.

Gold Metalor USA Refining Corporation

Gold Metalúrgica Met-Mex Peñoles S.A. De C.V.

Gold Met-Mex Pe?oles, S.A.
Gold Met-Mex Penoles, S.A.

Gold Mitsubishi Materials Corporation

Gold Mitsui Kinzoku Co., Ltd.

Gold Mitsui Mining and Smelting Co., Ltd.

Gold MMTC-PAMP India Pvt., Ltd.

Gold Modeltech Sdn Bhd Gold Morris and Watson

Gold Morris and Watson Gold Coast

Gold Moscow Special Alloys Processing Plant Gold Nadir Metal Rafineri San. Ve Tic. A.Ş. Gold Navoi Mining and Metallurgical Combinat

Gold Nihon Material Co., Ltd.
Gold Norddeutsche Affinererie AG

Gold Ögussa Österreichische Gold- und Silber-Scheideanstalt GmbH

Gold Ohio Precious Metals, LLC

Gold Ohura Precious Metal Industry Co., Ltd.

Gold OJSC "The Gulidov Krasnoyarsk Non-Ferrous Metals Plant" (OJSC k

Gold OJSC Krastsvetmet

Gold OJSC Novosibirsk Refinery

Gold OPM

Gold PAMP S.A.

Gold Pan Pacific Copper Co Ltd.

Gold Pease & Curren

Gold Penglai Penggang Gold Industry Co., Ltd.

Gold Perth Mint
Gold Perth Mint (ANZ)

Gold Prioksky Plant of Non-Ferrous Metals Gold Produits Artistiques de Métaux Gold PT Aneka Tambang (Persero) Tbk

Gold PX Précinox S.A.

Gold Rand Refinery (Pty) Ltd.
Gold Refinery LS-Nikko Copper Inc.
Gold Remondis Argentia B.V.
Gold Republic Metals Corporation

Gold Royal Canadian Mint

Gold SAAMP

Gold Sabin Metal Corp.
Gold SAFINA A.S.

Gold Saganoseki Smelter & Refinery

Gold Sai Refinery
Gold Samdok Metal

Gold Samduck Precious Metals
Gold Samwon Metals Corp.
Gold SAXONIA Edelmetalle GmbH
Gold Schone Edelmetaal B.V.
Gold SD (Samdok) Metal

Gold SEMPSA Joyería Platería S.A.

Gold Sempsa JP (Cookson Sempsa)

Gold Shandong Gold Mine(Laizhou) Smelter Co., Ltd.

Gold Shandong Guoda Gold Co., Ltd.

Gold Shandong Tarzan Bio-Gold Industry Co., Ltd.

Gold Shandong Tiancheng Biological Gold Industrial Co., Ltd.

Gold Shandong Zhaojin Gold & Silver Refinery Co., Ltd.

Gold Shangdong Gold (Laizhou)
Gold Shonan Plant Tanaka Kikinzoku

Gold Sichuan Tianze Precious Metals Co., Ltd.

Gold Singapore Tanaka

Gold Singway Technology Co., Ltd.

Gold SMM

Gold So Accurate Group, Inc.

Gold SOE Shyolkovsky Factory of Secondary Precious Metals

Gold Solar Applied Materials Technology Corp.

Gold SOLAR CHEMICALAPPLIED MATERIALS TECHNOLOGY (KUN SHAN)

Gold Solartech

Gold Sudan Gold Refinery

Gold Sumitomo Kinzoku Kozan K.K.
Gold Sumitomo Metal Mining Co., Ltd.

Gold SungEel HiTech
Gold T.C.A S.p.A
Gold Takehara Refinery
Gold Tamano Smelter

Gold Tanaka Denshi Kogyo K.K

Gold Tanaka Electronics (Hong Kong) Pte. Ltd.
Gold TANAKA Electronics (Malaysia) SDN. BHD.
Gold Tanaka Electronics (Singapore) Pte. Ltd.

Gold Tanaka Kikinzoku International Gold Tanaka Kikinzoku Kogyo K.K Gold Tanaka Kikinzoku Kogyo K.K. Gold Tanaka Precious Metals

Gold The Great Wall Gold and Silver Refinery of China

Gold The Perth Mint

Gold The Refinery of Shandong Gold Mining Co., Ltd.

Gold Tokuriki Honten Co., Ltd.

Gold Tongling Nonferrous Metals Group Co., Ltd.

Gold TongLing Nonferrous Metals Group Holdings Co., Ltd.

Gold Tony Goetz NV Gold TOO Tau-Ken-Altyn

Gold Torecom

Gold Toyo Smelter & Refinery
Gold Umicore Brasil Ltda.

Gold Umicore Precious Metals Thailand

Gold Umicore S.A. Business Unit Precious Metals Refining

Gold United Precious Metal Refining, Inc.
Gold Universal Precious Metals Refining Zambia

Gold Valcambi S.A.

Gold Western Australian Mint trading as The Perth Mint

Gold WIELAND Edelmetalle GmbH Gold Williams Advanced Materials

Gold Xstrata

Gold Yamamoto Precious Metal Co., Ltd.

Gold Yamamoto Precision Metals

Gold Yantai NUS Safina tech environmental Refinery Co. Ltd.

Gold Yokohama Metal Co., Ltd.
Gold Yunnan Copper Industry Co., Ltd.
Gold Zhao Jin Mining Industry Co Ltd

Gold Zhao Yuan Gold Mine

Gold Zhao Yuan Gold Smelter of ZhongJin

Gold Zhao Yuan Jin Kuang

Gold Zhaojin Mining Industry Co., Ltd.

Gold Zhaoyuan Gold Group

Gold Zhongjin Gold Corporation Limited

Gold Zhongyuan Gold Smelter of Zhongjin Gold Corporation

Gold Zijin Kuang Ye Refinery

Gold Zijin Mining Group Co., Ltd. Gold Refinery

Gold Zijin Mining Industry Corporation

Gold Smelter not listed
Gold Smelter not yet identified

Tantalum Changsha South Tantalum Niobium Co., Ltd.

Tantalum Changsha Southern

Tantalum Conghua Tantalum and Niobium Smeltry

Tantalum D Block Metals, LLC

Tantalum Douluoshan Sapphire Rare Metal Co Ltd

Tantalum Duoluoshan
Tantalum E.S.R. Electronics
Tantalum Exotech Inc.

F & X

Tantalum

Tantalum F&X Electro-Materials Ltd.
Tantalum FIR Metals & Resource Ltd.
Tantalum Global Advanced Metals Aizu

Tantalum Global Advanced Metals Boyertown

Tantalum Guangdong Zhiyuan New Material Co., Ltd.

Tantalum H.C. Starck Co., Ltd.
Tantalum H.C. Starck GmbH Goslar
Tantalum H.C. Starck GmbH Laufenburg
Tantalum H.C. Starck Hermsdorf GmbH

Tantalum H.C. Starck Inc. Tantalum H.C. Starck Ltd.

Tantalum H.C. Starck Smelting GmbH & Co. KG

Tantalum Hengyang King Xing Lifeng New Materials Co., Ltd.

Tantalum Hi-Temp

Tantalum Hi-Temp Specialty Metals, Inc.

Tantalum Jiangxi Dinghai Tantalum & Niobium Co., Ltd.

Tantalum Jiangxi Tuohong New Raw Material

Tantalum JiuJiang JinXin Nonferrous Metals Co., Ltd.

Tantalum Jiujiang Tanbre Co., Ltd.

Tantalum Jiujiang Zhongao Tantalum & Niobium Co., Ltd.

Tantalum KEMET Blue Metals Tantalum KEMET Blue Powder

Tantalum King-Tan Tantalum Industry Ltd.

Tantalum LSM Brasil S.A.

Tantalum Metallurgical Products India Pvt. Ltd. (MPIL)
Tantalum Metallurgical Products India Pvt., Ltd.

Tantalum Mineração Taboca S.A.

Tantalum Mitsui Mining and Smelting Co., Ltd.

Tantalum Mitsui Mining & Smelting Tantalum Molycorp Silmet A.S.

Tantalum Ningxia Orient Tantalum Industry Co., Ltd.

Tantalum Plansee SE Liezen
Tantalum Plansee SE Reutte
Tantalum Power Resources Ltd.
Tantalum QuantumClean

Tantalum Resind Indústria e Comércio Ltda.

Tantalum RFH

Tantalum RFH (Yanling Jincheng Tantalum & Niobium Co., Ltd)

Tantalum RFH Tantalum Smeltry Co., Ltd.

Tantalum Solikamsk

Tantalum Solikamsk Magnesium Works OAO

Tantalum Solikamsk Metal Works Tantalum Taki Chemical Co., Ltd.

Tantalum Taki Chemicals
Tantalum Telex Metals
Tantalum Tranzact, Inc.

Tantalum ULBA

Tantalum Ulba Metallurgical Plant JSC

Tantalum XinXing HaoRong Electronic Material Co., Ltd.

Tantalum Yichun Jin Yang Rare Metal Co., Ltd.

Tantalum Zhaoqing Duoluoshan Non-ferrous Metals Co.,Ltd

Tantalum Zhuzhou Cemented Carbide Group

Tantalum Zhuzhou Cemented Carbide Group Co., Ltd.

Tantalum Zhuzhou Cemented Carbide Works Imp. & Exp. Co.

Tantalum Smelter not listed

Tantalum Smelter not yet identified

Tin Alent plc
Tin Alpha
Tin Alpha Metals

Tin Alpha Metals Korea Ltd.
Tin Alpha Metals Taiwan
Tin An Thai Minerals Co., Ltd.

Tin An Vinh Joint Stock Mineral Processing Company

Tin Brand IMLI
Tin Brand RBT

Tin Chengfeng Metals Co Pte Ltd

Tin Chenzhou Yun Xiang mining limited liability company
Tin Chenzhou Yunxiang Mining and Metallurgy Co., Ltd.

Tin China Rare Metal Material Co., Ltd.

Tin China Tin (Hechi)

Tin China Tin Group Co., Ltd.

Tin China Tin Lai Ben Smelter Co., Ltd.

Tin China Yunnan Tin Co Ltd.
Tin CNMC (Guangxi) PGMA Co., Ltd.

Tin Cookson

Tin Cookson (Alpha Metals Taiwan)

Tin Cookson Alpha Metals (Shenzhen) Co., Ltd.

Tin Cooper Santa

Tin Cooperativa Metalurgica de Rondônia Ltda.

Tin CooperMetal
Tin CV Ayi Jaya
Tin CV Dua Sekawan
Tin CV Gita Pesona
Tin CV JusTindo
Tin CV Nurjanah

Tin CV Serumpun Sebalai
Tin CV Tiga Sekawan
Tin CV United Smelting
Tin CV Venus Inti Perkasa

Tin Dowa

Tin Dowa Metaltech Co., Ltd.

Tin Electro-Mechanical Facility of the Cao Bang Minerals & Metallurgy J

Tin Elmet S.L.U.
Tin EM Vinto

Tin Empresa Metalúrgica Vinto

Tin Empressa Nacional de Fundiciones (ENAF)

Tin ENAF

Tin Estanho de Rondônia S.A.

Tin Fenix Metals
Tin Funsur Smelter

Tin Gejiu City Datun Chengfeng Smelter
Tin Gejiu Fengming Metallurgy Chemical Plant

Tin Gejiu Jinye Mineral Company

Tin Gejiu Kai Meng Industry and Trade LLC
Tin Gejiu Non-Ferrous Metal Processing Co., Ltd.
Tin Gejiu Yunxin Nonferrous Electrolysis Co., Ltd.

Tin Gejiu Zi-Li

Tin Gejiu Zili Mining And Metallurgy Co., Ltd.

Tin Guang Xi Liu Xhou Tin Guang Xi Liu Zhou Tin GuangXi China Tin

Tin Guangxi Pinggui PGMA Co. Ltd.

Tin Guanyang Guida Nonferrous Metal Smelting Plant

Tin HuiChang Hill Tin Industry Co., Ltd.
Tin Huichang Jinshunda Tin Co., Ltd.
Tin Huichang Shun Tin Kam Industries, Ltd.

TIN INDONESIAN STATE TIN CORPORATION MENTOK SMELTER

Tin Indra Eramulti Logam

Tin Jiangxi Ketai Advanced Material Co., Ltd.

Tin Jiangxi Nanshan

Tin Jiangxi Shunda Huichang Kam Tin Co., Ltd.
Tin Kai Union Industry and Trade Co., Ltd. (China)
Tin Kai Unita Trade Limited Liability Company

Tin Kundur Smelter
Tin Liuzhhou China Tin

Tin Magnu's Minerais Metais e Ligas Ltda. Tin Malaysia Smelting Corporation (MSC)

Tin Melt Metais e Ligas S.A.

Tin Mentok Smelter

Tin Metallic Materials Branch of Guangxi China Tin Group Co.,Ltd.

Tin Metallic Resources, Inc.
Tin Metallo-Chimique N.V.
Tin Mineração Taboca S.A.

Tin Minsur

Tin Mitsubishi Materials Corporation

Tin Modeltech Sdn Bhd

Tin MSC

Tin Nankang Nanshan Tin Manufactory Co., Ltd.

Tin Nanshan Tin Co. Ltd.

Tin Nghe Tinh Non-Ferrous Metals Joint Stock Company

Tin O.M. Manufacturing (Thailand) Co., Ltd. Tin O.M. Manufacturing Philippines, Inc.

Tin OMSA

Tin Operaciones Metalurgical S.A.

Tin PGMA

Tin Phoenix Metal Ltd.

Tin PT Aries Kencana Sejahtera
Tin PT Artha Cipta Langgeng
Tin PT ATD Makmur Mandiri Jaya

Tin PT Babel Inti Perkasa
Tin PT Bangka Prima Tin
Tin PT Bangka Tin Industry
Tin PT Belitung Industri Sejahtera

Tin PT Bukit Timah

Tin PT Cipta Persada Mulia Tin PT DS Jaya Abadi Tin PT Eunindo Usaha Mandiri

Tin PT Indora Ermulti

Tin PT Indra Eramult Logam Industri

Tin PT Inti Stania Prima

Tin PT Justindo

Tin PT Karimun Mining
Tin PT Kijang Jaya Mandiri

Tin PT Lautan Harmonis Sejahtera

PT Menara Cipta Mulia Tin PT Mitra Stania Prima Tin PT O.M. Indonesia Tin PT Panca Mega Persada Tin Tin PT Prima Timah Utama Tin PT Refined Bangka Tin Tin PT Sariwiguna Binasentosa Tin PT Stanindo Inti Perkasa

Tin PT Sukses Inti Makmur

Tin PT Sumber Jaya Indah Tin PT Tambang Timah

Tin PT Timah (Persero) Tbk Kundur Tin PT Timah (Persero) Tbk Mentok

Tin PT Tinindo Inter Nusa
Tin PT Tirus Putra Mandiri
Tin PT Tommy Utama
Tin PT Wahana Perkit Jaya

Tin Resind Indústria e Comércio Ltda.

Tin Rui Da Hung

Tin Shunda Huichang Kam Tin Co., Ltd.

Tin Smelting Branch of Yunnan Tin Company Ltd

Tin Soft Metais Ltda.

Tin Thai Solder Industry Corp., Ltd.
Tin Thailand Smelting & Refining Co Ltd

Tin Thaisarco

Tin The Gejiu cloud new colored electrolytic
Tin Tin Products Manufacturing Co.LTD. of YTCL

Tin Toboca/ Paranapenema

Tin Tuyen Quang Non-Ferrous Metals Joint Stock Company

Tin Unit Timah Kundur PT Tambang
Tin VQB Mineral and Trading Group JSC
Tin White Solder Metalurgia e Mineração Ltda.

Tin White Solder Metalurgica

Tin XiHai - Liuzhou China Tin Group Co Itd

Tin YTCL

Tin Yunan Gejiu Yunxin Electrolyze Limited

Tin Yunnan Adventure Co., Ltd.

Tin Yunnan Chengfeng

Tin Yunnan Chengfeng Non-ferrous Metals Co., Ltd.

Tin Yunnan Gejiu Zili Metallurgy Co., Ltd.
Tin YunNan Gejiu Yunxin Electrolyze Limited

Tin Yunnan Tin Company Limited Tin Yunnan Tin Company, Ltd.

Tin Yunnan wind Nonferrous Metals Co., Ltd.

Tin Yuntinic Resources

Tin YUNXIN colored electrolysis Company Limited

Tin Smelter not listed

Tin Smelter not yet identified Tungsten A.L.M.T. TUNGSTEN Corp.

Tungsten ACL Metais Eireli

Tungsten Allied Material Corporation

Tungsten ALMT Corp

Tungsten ALMT Sumitomo Group

Tungsten Asia Tungsten Products Vietnam Ltd.

Tungsten ATI Metalworking Products
Tungsten ATI Tungsten Materials

Tungsten Chaozhou Xianglu Tungsten Industry Co., Ltd.
Tungsten Chenzhou Diamond Tungsten Products Co., Ltd.

Tungsten China National Non Ferrous

Tungsten Chongyi Zhangyuan Tungsten Co., Ltd.
Tungsten Dayu Jincheng Tungsten Industry Co., Ltd.

Tungsten Dayu Weiliang Tungsten Co., Ltd.
Tungsten Fujian Jinxin Tungsten Co., Ltd.

Tungsten Ganzhou Huaxing Tungsten Products Co., Ltd.
Tungsten Ganzhou Jiangwu Ferrotungsten Co., Ltd.
Tungsten Ganzhou Seadragon W & Mo Co., Ltd.
Tungsten Ganzhou Yatai Tungsten Co., Ltd.
Tungsten Global Tungsten & Powders Corp.

Tungsten GTP

Tungsten Guangdong Xianglu Tungsten Co., Ltd.

Tungsten H.C. Starck GmbH

Tungsten H.C. Starck Smelting GmbH & Co.KG

Tungsten Human Chun-Chang non-ferrous Smelting & Concentrating Co., Ltc

Tungsten Hunan Chenzhou Mining Co., Ltd.
Tungsten Hunan Chenzhou Mining Group Co., Ltd.

Tungsten Hunan Chuangda Vanadium Tungsten Co., Ltd. Wuji

Tungsten Hunan Chunchang Nonferrous Metals Co., Ltd.

Tungsten Hydrometallurg, JSC
Tungsten Japan New Metals Co., Ltd.

Tungsten Jiangwu H.C. Starck Tungsten Products Co., Ltd.

Tungsten Jiangxi Dayu Longxintai Tungsten Co., Ltd.

Tungsten Jiangxi Gan Bei Tungsten Co., Ltd.

Tungsten Jiangxi Minmetals Gao'an Non-ferrous Metals Co., Ltd.

Tungsten Jiangxi Tonggu Non-ferrous Metallurgical & Chemical Co., Ltd.

Tungsten Jiangxi Tungsten Co Ltd

Tungsten Jiangxi Tungsten Industry Group Co. Ltd.
Tungsten Jiangxi Xinsheng Tungsten Industry Co., Ltd.
Tungsten Jiangxi Xiushui Xianggan Nonferrous Metals Co., Ltd.

Tungsten Jiangxi Yaosheng Tungsten Co., Ltd.

Tungsten Kennametal Fallon
Tungsten Kennametal Huntsville

Tungsten Malipo Haiyu Tungsten Co., Ltd.

Tungsten Moliren Ltd

Tungsten Niagara Refining LLC

Tungsten Nui Phao H.C. Starck Tungsten Chemicals Manufacturing LLC

Tungsten Philippine Chuangxin Industrial Co., Inc.

Tungsten Shaoguan Xinhai Rendan Tungsten Industry Co. Ltd

Tungsten South-East Nonferrous Metal Company Limited of Hengyang City

Tungsten Tejing (Vietnam) Tungsten Co., Ltd.
Tungsten Unecha Refractory metals plant

Tungsten Vietnam Youngsun Tungsten Industry Co., Ltd.

Tungsten WBH

Tungsten WBH, Wolfram [Austria]

Tungsten Wolfram Bergbau und Hütten AG

Tungsten Woltech Korea Co., Ltd.

Tungsten Xiamen H.C.

Tungsten Xiamen Tungsten (H.C.) Co., Ltd.

Tungsten Xiamen Tungsten Co., Ltd.

Tungsten Xinfeng Huarui Tungsten & Molybdenum New Material Co., Ltd.

Tungsten Xinhai Rendan Shaoguan Tungsten Co., Ltd.

Tungsten Zhangyuan Tungsten Co Ltd

Tungsten Shaoguan Xinhai Rendan Tungsten Industry Co. Ltd

Tungsten South-East Nonferrous Metal Company Limited of Hengyang City

Tungsten Tejing (Vietnam) Tungsten Co., Ltd.

Tungsten Vietnam Youngsun Tungsten Industry Co., Ltd.

Tungsten WBH

Tungsten WBH, Wolfram [Austria]

Tungsten Wolfram Bergbau und Hütten AG

Tungsten Woltech Korea Co., Ltd.

Tungsten Xiamen H.C.

Tungsten Xiamen Tungsten (H.C.) Co., Ltd.

Tungsten Xiamen Tungsten Co., Ltd.

Tungsten Xinfeng Huarui Tungsten & Molybdenum New Material Co., Ltd.

Tungsten Xinhai Rendan Shaoguan Tungsten Co., Ltd.

Tungsten Zhangyuan Tungsten Co Ltd

Tungsten Smelter not listed

Tungsten Smelter not yet identified

information as of this templates release. This list is updated frequently, and the most up-to-da nelter-program/exports/cmrt-export/. The presence of a smelter here is NOT a guarantee that i

the most current and accurate list of standard smelter names that are Active or Compliant.

commonly recognized and reported by the supply chain for a particular smelter. These names m ugh the names may not be the CFSI Standard Smelter Name, the reference names are helpful t

stood to be the legal names of the eligible smelters. The majority of smelters will have the same

Standard Smelter Names	Smelter Facility Location: Country	New Smelter ID
Abington Reldan Metals, LLC	UNITED STATES OF AMERICA	CID002708
So Accurate Group, Inc.	UNITED STATES OF AMERICA	CID001754
Advanced Chemical Company	UNITED STATES OF AMERICA	CID000015
Western Australian Mint trading as The Perth Mint	AUSTRALIA	CID002030
Western Australian Mint trading as The Perth Mint	AUSTRALIA	CID002030
Aida Chemical Industries Co., Ltd.	JAPAN	CID000019
Al Etihad Gold Refinery DMCC	UNITED ARAB EMIRATES	CID002560
Allgemeine Gold-und Silberscheideanstalt A.G.	GERMANY	CID000035
Almalyk Mining and Metallurgical Complex (AMMC)	UZBEKISTAN	CID000041
Asahi Pretec Corp.	JAPAN	CID000082
AngloGold Ashanti Córrego do Sítio Mineração	BRAZIL	CID000058
Tongling Nonferrous Metals Group Co., Ltd.	CHINA	CID001947
Western Australian Mint trading as The Perth Mint	AUSTRALIA	CID002030
Argor-Heraeus S.A.	SWITZERLAND	CID000077
Asahi Pretec Corp.	JAPAN	CID000082
Asahi Refining Canada Ltd.	CANADA	CID000924
Asahi Refining USA Inc.	UNITED STATES OF AMERICA	CID000920
Asaka Riken Co., Ltd.	JAPAN	CID000090
Atasay Kuyumculuk Sanayi Ve Ticaret A.S.	TURKEY	CID000103
Atasay Kuyumculuk Sanayi Ve Ticaret A.S.	TURKEY	CID000103
AU Traders and Refiners	SOUTH AFRICA	CID002850
AURA-II	UNITED STATES OF AMERICA	CID002851
Aurubis AG	GERMANY	CID000113
Bangalore Refinery	INDIA	CID002863
Bangko Sentral ng Pilipinas (Central Bank of the Philippines)	PHILIPPINES	CID000128
Boliden AB	SWEDEN	CID000157
C. Hafner GmbH + Co. KG	GERMANY	CID000176
Caridad	MEXICO	CID000180
CCR Refinery - Glencore Canada Corporation	CANADA	CID000185
CCR Refinery - Glencore Canada Corporation	CANADA	CID000185
Cendres + Métaux S.A.	SWITZERLAND	CID000189
Cendres + Métaux S.A.	SWITZERLAND	CID000189
Bangko Sentral ng Pilipinas (Central Bank of the Philippines)	PHILIPPINES	CID000128
Yunnan Copper Industry Co., Ltd.	CHINA	CID000197
Chimet S.p.A.	ITALY	CID000233
Zhongyuan Gold Smelter of Zhongjin Gold Corporation	CHINA	CID002224
The Refinery of Shandong Gold Mining Co., Ltd.	CHINA	CID001916
Chugai Mining	JAPAN	CID000264
Daejin Indus Co., Ltd.	KOREA (REPUBLIC OF)	CID000328
Daejin Indus Co., Ltd.	KOREA (REPUBLIC OF)	CID000328
Daye Non-Ferrous Metals Mining Ltd.	CHINA	CID000343
Degussa Sonne / Mond Goldhandel GmbH	GERMANY	CID002867
DSC (Do Sung Corporation)	KOREA (REPUBLIC OF)	CID000359
DODUCO GmbH	GERMANY	CID000362

DODUCO GmbH	GERMANY	CID000362
DSC (Do Sung Corporation)	KOREA (REPUBLIC OF)	CID000359
Dowa	JAPAN	CID000401
DSC (Do Sung Corporation)	KOREA (REPUBLIC OF)	CID000359
Eco-System Recycling Co., Ltd.	JAPAN	CID000425
Elemetal Refining, LLC	UNITED STATES OF AMERICA	CID001322
Emirates Gold DMCC	UNITED ARAB EMIRATES	CID002561
Fidelity Printers and Refiners Ltd.	ZIMBABWE	CID002515
OJSC Novosibirsk Refinery	RUSSIAN FEDERATION	CID000493
Zijin Mining Group Co., Ltd. Gold Refinery	CHINA	CID002243
Gansu Seemine Material Hi-Tech Co., Ltd.	CHINA	CID000522
Geib Refining Corporation	UNITED STATES OF AMERICA	CID002459
The Refinery of Shandong Gold Mining Co., Ltd.	CHINA	CID001916
Great Wall Precious Metals Co., Ltd. of CBPM	CHINA	CID001909
Great Wall Precious Metals Co., Ltd. of CBPM	CHINA	CID001909
Guangdong Jinding Gold Limited	CHINA	CID002312
Guangdong Jinding Gold Limited	CHINA	CID002312
Gujarat Gold Centre	INDIA	CID002852
Guoda Safina High-Tech Environmental Refinery Co., Ltd.	CHINA	CID000651
Hangzhou Fuchunjiang Smelting Co., Ltd.	CHINA	CID000671
Heimerle + Meule GmbH	GERMANY	CID000694
Zhongyuan Gold Smelter of Zhongjin Gold Corporation	CHINA	CID002224
Zhongyuan Gold Smelter of Zhongjin Gold Corporation	CHINA	CID002224
Zhongyuan Gold Smelter of Zhongjin Gold Corporation	CHINA	CID002224
Heraeus Ltd. Hong Kong	CHINA	CID000707
Heraeus Precious Metals GmbH & Co. KG	GERMANY	CID000711
Hunan Chenzhou Mining Co., Ltd.	CHINA	CID000767
Hunan Chenzhou Mining Co., Ltd.	CHINA	CID000767
Hunan Chenzhou Mining Co., Ltd.	CHINA	CID000767
HwaSeong CJ Co., Ltd.	KOREA (REPUBLIC OF)	CID000778
Inner Mongolia Qiankun Gold and Silver Refinery Share Co., L		CID000801
Ishifuku Metal Industry Co., Ltd.	JAPAN	CID000807
Istanbul Gold Refinery	TURKEY	CID000814
Japan Mint	JAPAN	CID000823
Jiangxi Copper Co., Ltd.	CHINA	CID000855
Jiangxi Copper Co., Ltd.	CHINA	CID000855
Asahi Refining Canada Ltd.	CANADA	CID000924
Asahi Refining USA Inc.	UNITED STATES OF AMERICA	CID000920
Asahi Refining USA Inc.	UNITED STATES OF AMERICA	CID000920
Asahi Refining Canada Ltd.	CANADA	CID000924
JSC Ekaterinburg Non-Ferrous Metal Processing Plant	RUSSIAN FEDERATION	CID000927
JSC Uralelectromed	RUSSIAN FEDERATION	CID000929
JX Nippon Mining & Metals Co., Ltd.	JAPAN	CID000937
Kaloti Precious Metals	UNITED ARAB EMIRATES	CID002563
Kazakhmys Smelting LLC	KAZAKHSTAN	CID002303
Kazzinc East The Residue Control of the Resid	KAZAKHSTAN	CID000750
Kennecott Utah Copper LLC	UNITED STATES OF AMERICA	CID000757
KGHM Polska Miedź Spółka Akcyjna	POLAND	CID000303
Kojima Chemicals Co., Ltd.	JAPAN	CID002311
Kojima Chemicals Co., Ltd.	JAPAN	CID000981
KGHM Polska Miedź Spółka Akcyjna	POLAND	CID000381
Korea Zinc Co., Ltd. Kyrgyzaltyn JSC	KOREA (REPUBLIC OF) KYRGYZSTAN	CID002605 CID001029
Caridad	MEXICO	CID001029
The Refinery of Shandong Gold Mining Co., Ltd.	CHINA	CID000180
L'azurde Company For Jewelry	SAUDI ARABIA	CID001918
Lingbao Gold Co., Ltd.	CHINA	CID001032
Lingbao Gold Co., Ltd. Lingbao Gold Co., Ltd.		CID001056
Lingbao Gold Co., Ltd. Lingbao Jinyuan Tonghui Refinery Co., Ltd.	CHINA CHINA	CID001058
L'Orfebre S.A.	ANDORRA	CID001058
LOHOME J.A.	ANDORNA	C1D002702

LS-NIKKO Copper Inc.	KOREA (REPUBLIC OF)	CID001078
Luoyang Zijin Yinhui Gold Refinery Co., Ltd.	CHINA	CID001093
Luoyang Zijin Yinhui Gold Refinery Co., Ltd.	CHINA	CID001093
Luoyang Zijin Yinhui Gold Refinery Co., Ltd.	CHINA	CID001093
Materion	UNITED STATES OF AMERICA	CID001113
Matsuda Sangyo Co., Ltd.	JAPAN	CID001119
Sumitomo Metal Mining Co., Ltd.	JAPAN	CID001798
Metalúrgica Met-Mex Peñoles S.A. De C.V.	MEXICO	CID001161
Metalor Technologies S.A.	SWITZERLAND	CID001153
Metalor Technologies (Hong Kong) Ltd.	CHINA	CID001149
Metalor Technologies (Singapore) Pte., Ltd.	SINGAPORE	CID001152
Metalor Technologies (Suzhou) Ltd.	CHINA	CID001147
Metalor Technologies S.A.	SWITZERLAND	CID001153
Metalor USA Refining Corporation	UNITED STATES OF AMERICA	CID001157
Metalúrgica Met-Mex Peñoles S.A. De C.V.	MEXICO	CID001161
Metalúrgica Met-Mex Peñoles S.A. De C.V.	MEXICO	CID001161
Metalúrgica Met-Mex Peñoles S.A. De C.V.	MEXICO	CID001161
Mitsubishi Materials Corporation	JAPAN	CID001188
Mitsui Mining and Smelting Co., Ltd.	JAPAN	CID001193
Mitsui Mining and Smelting Co., Ltd.	JAPAN	CID001193
MMTC-PAMP India Pvt., Ltd.	INDIA	CID002509
Modeltech Sdn Bhd	MALAYSIA	CID002857
Morris and Watson	NEW ZEALAND	CID002282
Morris and Watson Gold Coast	AUSTRALIA	CID002866
Moscow Special Alloys Processing Plant	RUSSIAN FEDERATION	CID001204
Nadir Metal Rafineri San. Ve Tic. A.Ş.	TURKEY	CID001220
Navoi Mining and Metallurgical Combinat	UZBEKISTAN	CID001226
Nihon Material Co., Ltd.	JAPAN	CID001230
Aurubis AG	GERMANY	CID001234
Ögussa Österreichische Gold- und Silber-Scheideanstalt Gmbl		
		CID002779
Elemetal Refining, LLC	UNITED STATES OF AMERICA	CID001322
Ohura Precious Metal Industry Co., Ltd.	JAPAN	CID001325
OJSC "The Gulidov Krasnoyarsk Non-Ferrous Metals Plant" (O.		CID001326
OJSC "The Gulidov Krasnoyarsk Non-Ferrous Metals Plant" (O.		CID001326
OJSC Novosibirsk Refinery	RUSSIAN FEDERATION	CID000493
Elemetal Refining, LLC	UNITED STATES OF AMERICA	CID001322
PAMP S.A.	SWITZERLAND	CID001352
JX Nippon Mining & Metals Co., Ltd.	JAPAN	CID000937
Pease & Curren	UNITED STATES OF AMERICA	CID002872
Penglai Penggang Gold Industry Co., Ltd.	CHINA	CID001362
Western Australian Mint trading as The Perth Mint	AUSTRALIA	CID002030
Western Australian Mint trading as The Perth Mint	AUSTRALIA	CID002030
Prioksky Plant of Non-Ferrous Metals	RUSSIAN FEDERATION	CID001386
PAMP S.A.	SWITZERLAND	CID001352
PT Aneka Tambang (Persero) Tbk	INDONESIA	CID001397
PX Précinox S.A.	SWITZERLAND	CID001498
Rand Refinery (Pty) Ltd.	SOUTH AFRICA	CID001512
LS-NIKKO Copper Inc.	KOREA (REPUBLIC OF)	CID001078
Remondis Argentia B.V.	NETHERLANDS	CID002582
Republic Metals Corporation	UNITED STATES OF AMERICA	CID002510
Royal Canadian Mint	CANADA	CID001534
SAAMP	FRANCE	CID002761
Sabin Metal Corp.	UNITED STATES OF AMERICA	CID001546
SAFINA A.S.	CZECH REPUBLIC	CID002290
JX Nippon Mining & Metals Co., Ltd. Sai Refinery	JAPAN INDIA	CID000937
Sanduck Precious Metals		CID002853
	KOREA (REPUBLIC OF)	CID001555
Samduck Precious Metals	KOREA (REPUBLIC OF)	CID001555
Samwon Metals Corp.	KOREA (REPUBLIC OF)	CID001562
SAXONIA Edelmetalle GmbH	GERMANY	CID002777
Schone Edelmetaal B.V.	NETHERLANDS	CID001573
Samduck Precious Metals SEMPSA Joyería Platería S.A.	KOREA (REPUBLIC OF)	CID001555
SEMPSA TOVERIA PIATERIA S A	SPAIN	CID001585

SEMPSA Joyería Platería S.A.	SPAIN	CID001585
The Refinery of Shandong Gold Mining Co., Ltd.	CHINA	CID001916
Guoda Safina High-Tech Environmental Refinery Co., Ltd.	CHINA	CID000651
Shandong Tiancheng Biological Gold Industrial Co., Ltd.	CHINA	CID001619
Shandong Tiancheng Biological Gold Industrial Co., Ltd.	CHINA	CID001619
Shandong Zhaojin Gold & Silver Refinery Co., Ltd.	CHINA	CID001622
The Refinery of Shandong Gold Mining Co., Ltd.	CHINA JAPAN	CID001916 CID001875
Tanaka Kikinzoku Kogyo K.K. Sichuan Tianze Precious Metals Co., Ltd.	CHINA	CID001875
Tanaka Kikinzoku Kogyo K.K.	JAPAN	CID001736
Singway Technology Co., Ltd.	TAIWAN, PROVINCE OF CHINA	CID001675
Sumitomo Metal Mining Co., Ltd.	JAPAN	CID002310
So Accurate Group, Inc.	UNITED STATES OF AMERICA	CID001754
SOE Shyolkovsky Factory of Secondary Precious Metals	RUSSIAN FEDERATION	CID001756
Solar Applied Materials Technology Corp.	TAIWAN, PROVINCE OF CHINA	CID001761
Solar Applied Materials Technology Corp.	TAIWAN, PROVINCE OF CHINA	CID001761
Solar Applied Materials Technology Corp.	TAIWAN, PROVINCE OF CHINA	CID001761
Sudan Gold Refinery	SUDAN	CID002567
Sumitomo Metal Mining Co., Ltd.	JAPAN	CID001798
Sumitomo Metal Mining Co., Ltd.	JAPAN	CID001798
SungEel HiTech	KOREA (REPUBLIC OF)	CID002918
T.C.A S.p.A	ITALY	CID002580
Mitsui Mining and Smelting Co., Ltd.	JAPAN	CID001193
JX Nippon Mining & Metals Co., Ltd.	JAPAN	CID000937
Tanaka Kikinzoku Kogyo K.K.	JAPAN	CID001875
Tanaka Kikinzoku Kogyo K.K.	JAPAN	CID001875
Tanaka Kikinzoku Kogyo K.K.	JAPAN	CID001875
Tanaka Kikinzoku Kogyo K.K.	JAPAN	CID001875
Tanaka Kikinzoku Kogyo K.K.	JAPAN	CID001875
Tanaka Kikinzoku Kogyo K.K.	JAPAN	CID001875
Tanaka Kikinzoku Kogyo K.K.	Japan Japan	CID001875
Tanaka Kikinzoku Kogyo K.K. Great Wall Precious Metals Co., Ltd. of CBPM	CHINA	CID001875 CID001909
Western Australian Mint trading as The Perth Mint	AUSTRALIA	CID001909 CID002030
The Refinery of Shandong Gold Mining Co., Ltd.	CHINA	CID002030
Tokuriki Honten Co., Ltd.	JAPAN	CID001938
Tongling Nonferrous Metals Group Co., Ltd.	CHINA	CID001947
Tongling Nonferrous Metals Group Co., Ltd.	CHINA	CID001947
Tony Goetz NV	BELGIUM	CID002587
TOO Tau-Ken-Altyn	KAZAKHSTAN	CID002615
Torecom	KOREA (REPUBLIC OF)	CID001955
Sumitomo Metal Mining Co., Ltd.	JAPAN	CID001798
Umicore Brasil Ltda.	BRAZIL	CID001977
Umicore Precious Metals Thailand	THAILAND	CID002314
Umicore S.A. Business Unit Precious Metals Refining	BELGIUM	CID001980
United Precious Metal Refining, Inc.	UNITED STATES OF AMERICA	CID001993
Universal Precious Metals Refining Zambia	ZAMBIA	CID002854
Valcambi S.A.	SWITZERLAND	CID002003
Western Australian Mint trading as The Perth Mint	AUSTRALIA	CID002030
WIELAND Edelmetalle GmbH	GERMANY	CID002778
Materion	UNITED STATES OF AMERICA	CID001113
CCR Refinery - Glencore Canada Corporation Yamamoto Precious Metal Co., Ltd.	CANADA JAPAN	CID000185
Yamamoto Precious Metal Co., Ltd.	JAPAN	CID002100 CID002100
Guoda Safina High-Tech Environmental Refinery Co., Ltd.	CHINA	CID002100
Yokohama Metal Co., Ltd.	JAPAN	CID000031
Yunnan Copper Industry Co., Ltd.	CHINA	CID000197
Shandong Zhaojin Gold & Silver Refinery Co., Ltd.	CHINA	CID001622
Shandong Zhaojin Gold & Silver Refinery Co., Ltd.	CHINA	CID001622
Shandong Zhaojin Gold & Silver Refinery Co., Ltd.	CHINA	CID001622
Shandong Zhaojin Gold & Silver Refinery Co., Ltd.	CHINA	CID001622
Shandong Zhaojin Gold & Silver Refinery Co., Ltd.	CHINA	CID001622
Shandong Zhaojin Gold & Silver Refinery Co., Ltd.	CHINA	CID001622

Zhongyuan Gold Smelter of Zhongjin Gold Corporation	CHINA	CID002224
Zhongyuan Gold Smelter of Zhongjin Gold Corporation	CHINA	CID002224
Zijin Mining Group Co., Ltd. Gold Refinery	CHINA	CID002243
Zijin Mining Group Co., Ltd. Gold Refinery	CHINA	CID002243
Zijin Mining Group Co., Ltd. Gold Refinery	CHINA	CID002243
Zijiir Mililing Group Co., Eta. Gold Kerinery	CHINA	CID002243
Unknown	Unknown	
		CID000011
Changsha South Tantalum Niobium Co., Ltd.	CHINA	CID000211
Changsha South Tantalum Niobium Co., Ltd.	CHINA	CID000211
Conghua Tantalum and Niobium Smeltry	CHINA	CID000291
D Block Metals, LLC	UNITED STATES OF AMERICA	CID002504
Duoluoshan	CHINA	CID000410
Duoluoshan	CHINA	CID000410
E.S.R. Electronics	UNITED STATES OF AMERICA	CID002590
Exotech Inc.	UNITED STATES OF AMERICA	CID000456
F&X Electro-Materials Ltd.	CHINA	CID000460
F&X Electro-Materials Ltd.	CHINA	
		CID000460
FIR Metals & Resource Ltd.	CHINA	CID002505
Global Advanced Metals Aizu	JAPAN	CID002558
Global Advanced Metals Boyertown	UNITED STATES OF AMERICA	CID002557
Guangdong Zhiyuan New Material Co., Ltd.	CHINA	CID000616
H.C. Starck Co., Ltd.	THAILAND	CID002544
H.C. Starck GmbH Goslar	GERMANY	CID002545
H.C. Starck GmbH Laufenburg	GERMANY	CID002546
H.C. Starck Hermsdorf GmbH	GERMANY	CID002547
H.C. Starck Inc.	UNITED STATES OF AMERICA	CID002548
H.C. Starck Ltd.	JAPAN	CID002549
	GERMANY	
H.C. Starck Smelting GmbH & Co. KG		CID002550
Hengyang King Xing Lifeng New Materials Co., Ltd.	CHINA	CID002492
Hi-Temp Specialty Metals, Inc.	UNITED STATES OF AMERICA	CID000731
Hi-Temp Specialty Metals, Inc.	UNITED STATES OF AMERICA	CID000731
Jiangxi Dinghai Tantalum & Niobium Co., Ltd.	CHINA	CID002512
Jiangxi Tuohong New Raw Material	CHINA	CID002842
JiuJiang JinXin Nonferrous Metals Co., Ltd.	CHINA	CID000914
Jiujiang Tanbre Co., Ltd.	CHINA	CID000917
Jiujiang Zhongao Tantalum & Niobium Co., Ltd.	CHINA	CID002506
KEMET Blue Metals	MEXICO	CID002539
KEMET Blue Powder	UNITED STATES OF AMERICA	CID002568
King-Tan Tantalum Industry Ltd.	CHINA	CID002308
LSM Brasil S.A.		
	BRAZIL	CID001076
Metallurgical Products India Pvt., Ltd.	INDIA	CID001163
Metallurgical Products India Pvt., Ltd.	INDIA	CID001163
Mineração Taboca S.A.	BRAZIL	CID001175
Mitsui Mining and Smelting Co., Ltd.	JAPAN	CID001192
Mitsui Mining & Smelting	JAPAN	CID001192
Molycorp Silmet A.S.	ESTONIA	CID001200
Ningxia Orient Tantalum Industry Co., Ltd.	CHINA	CID001277
Plansee SE Liezen	AUSTRIA	CID002540
Plansee SE Reutte	AUSTRIA	CID002556
Power Resources Ltd.	MACEDONIA (THE FORMER YUGOS	
QuantumClean	UNITED STATES OF AMERICA	CID002547
Resind Indústria e Comércio Ltda.	BRAZIL	CID002707
RFH Tantalum Smeltry Co., Ltd.	CHINA	CID001522
RFH Tantalum Smeltry Co., Ltd.	CHINA	CID001522
RFH Tantalum Smeltry Co., Ltd.	CHINA	CID001522
Solikamsk Magnesium Works OAO	RUSSIAN FEDERATION	CID001769
Solikamsk Magnesium Works OAO	RUSSIAN FEDERATION	CID001769
Solikamsk Magnesium Works OAO	RUSSIAN FEDERATION	CID001769
Taki Chemical Co., Ltd.	JAPAN	CID001869
Taki Chemical Co., Ltd.	JAPAN	CID001869
Telex Metals	UNITED STATES OF AMERICA	CID001891
Tranzact, Inc.	UNITED STATES OF AMERICA	CID001891 CID002571
	KAZAKHSTAN	
Ulba Metallurgical Plant JSC	NALANISIAN	CID001969

Ulba Metallurgical Plant JSC	KAZAKHSTAN	CID001969
XinXing HaoRong Electronic Material Co., Ltd.	CHINA	CID002508
Yichun Jin Yang Rare Metal Co., Ltd.	CHINA	CID002307
Duoluoshan	CHINA	CID000410
Zhuzhou Cemented Carbide Group Co., Ltd.	CHINA	CID002232
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Zhuzhou Cemented Carbide Group Co., Ltd.	CHINA	CID002232
Zhuzhou Cemented Carbide Group Co., Ltd.	CHINA	CID002232
Unknown	Unknown	
	UNITED STATES OF AMERICA	CID000292
Alpha		
Alpha	UNITED STATES OF AMERICA	CID000292
Alpha	UNITED STATES OF AMERICA	CID000292
Alpha	UNITED STATES OF AMERICA	CID000292
Alpha	UNITED STATES OF AMERICA	CID000292
An Thai Minerals Co., Ltd.	VIET NAM	CID002825
An Vinh Joint Stock Mineral Processing Company	VIET NAM	CID002703
PT Bukit Timah	INDONESIA	CID001428
PT Refined Bangka Tin	INDONESIA	CID001460
Yunnan Chengfeng Non-ferrous Metals Co., Ltd.	CHINA	CID002158
Chenzhou Yunxiang Mining and Metallurgy Co., Ltd.	CHINA	CID0002138
Chenzhou Yunxiang Mining and Metallurgy Co., Ltd.	CHINA	CID000228
Jiangxi Ketai Advanced Material Co., Ltd.	CHINA	CID000244
China Tin Group Co., Ltd.	CHINA	CID001070
China Tin Group Co., Ltd.	CHINA	CID001070
China Tin Group Co., Ltd.	CHINA	CID001070
Yunnan Tin Company Limited	CHINA	CID002180
CNMC (Guangxi) PGMA Co., Ltd.	CHINA	CID000278
Alpha	UNITED STATES OF AMERICA	CID000292
Alpha	UNITED STATES OF AMERICA	CID000292
Alpha	UNITED STATES OF AMERICA	CID000292
Cooperativa Metalurgica de Rondônia Ltda.	BRAZIL	CID000295
,	BRAZIL	CID000275
Cooperativa Metalurgica de Rondônia Ltda.		
Cooperativa Metalurgica de Rondônia Ltda.	BRAZIL	CID000295
CV Ayi Jaya	INDONESIA	CID002570
CV Dua Sekawan	INDONESIA	CID002592
CV Gita Pesona	INDONESIA	CID000306
PT Justindo	INDONESIA	CID000307
PT Aries Kencana Sejahtera	INDONESIA	CID000309
CV Serumpun Sebalai	INDONESIA	CID000313
CV Tiga Sekawan	INDONESIA	CID002593
CV United Smelting	INDONESIA	CID000315
CV Venus Inti Perkasa	INDONESIA	CID002455
Dowa	JAPAN	CID000402
Dowa	JAPAN	CID000402
Electro-Mechanical Facility of the Cao Bang Minerals & Metallui		CID002572
Elmet S.L.U.	SPAIN	CID002372
EM Vinto	BOLIVIA (PLURINATIONAL STATE	
EM Vinto	BOLIVIA (PLURINATIONAL STATE	
EM Vinto	BOLIVIA (PLURINATIONAL STATE	
EM Vinto	BOLIVIA (PLURINATIONAL STATE	
Estanho de Rondônia S.A.	BRAZIL	CID000448
Fenix Metals	POLAND	CID000468
Minsur	PERU	CID001182
Yunnan Chengfeng Non-ferrous Metals Co., Ltd.	CHINA	CID002158
Gejiu Fengming Metallurgy Chemical Plant	CHINA	CID002848
Gejiu Jinye Mineral Company	CHINA	CID002859
Gejiu Kai Meng Industry and Trade LLC	CHINA	CID000942
Gejiu Non-Ferrous Metal Processing Co., Ltd.	CHINA	CID000538
Gejiu Yunxin Nonferrous Electrolysis Co., Ltd.	CHINA	CID001908
Gejiu Zili Mining And Metallurgy Co., Ltd.	CHINA	CID001908
Gejiu Zili Mining And Metallurgy Co., Ltd.	CHINA	CID000555
China Tin Group Co., Ltd.	CHINA	CID001070
China Tin Group Co., Ltd.	CHINA	CID001070

China Tin Group Co., Ltd.	CHINA	CID001070
CNMC (Guangxi) PGMA Co., Ltd.	CHINA	CID000278
Guanyang Guida Nonferrous Metal Smelting Plant	CHINA	CID002849
HuiChang Hill Tin Industry Co., Ltd.	CHINA	CID002844
Huichang Jinshunda Tin Co., Ltd.	CHINA	CID000760
Huichang Jinshunda Tin Co., Ltd.	CHINA	CID000760
PT Timah (Persero) Tbk Mentok	INDONESIA	CID001482
PT Bukit Timah	INDONESIA	CID001428
Jiangxi Ketai Advanced Material Co., Ltd.	CHINA	CID000244
Nankang Nanshan Tin Manufactory Co., Ltd.	CHINA	CID001231
Huichang Jinshunda Tin Co., Ltd.	CHINA	CID000760
Gejiu Kai Meng Industry and Trade LLC	CHINA	CID000942
Gejiu Kai Meng Industry and Trade LLC	CHINA	CID000942
PT Timah (Persero) Tbk Kundur	INDONESIA	CID001477
China Tin Group Co., Ltd.	CHINA	CID001070
Magnu's Minerais Metais e Ligas Ltda.	BRAZIL MALAYSIA	CID002468 CID001105
Malaysia Smelting Corporation (MSC) Melt Metais e Ligas S.A.	BRAZIL	CID001103
PT Timah (Persero) Tbk Mentok	INDONESIA	CID002300
China Tin Group Co., Ltd.	CHINA	CID001432
Metallic Resources, Inc.	UNITED STATES OF AMERICA	CID001070
Metallo-Chimique N.V.	BELGIUM	CID001142
Mineração Taboca S.A.	BRAZIL	CID002773
Minsur	PERU	CID001173
Mitsubishi Materials Corporation	JAPAN	CID001191
Modeltech Sdn Bhd	MALAYSIA	CID002858
Malaysia Smelting Corporation (MSC)	MALAYSIA	CID001105
Nankang Nanshan Tin Manufactory Co., Ltd.	CHINA	CID001231
Nankang Nanshan Tin Manufactory Co., Ltd.	CHINA	CID001231
Nghe Tinh Non-Ferrous Metals Joint Stock Company	VIET NAM	CID002573
O.M. Manufacturing (Thailand) Co., Ltd.	THAILAND	CID001314
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O.M. Manufacturing Philippines, Inc.	PHILIPPINES	CID002517
O.M. Manufacturing Philippines, Inc. Operaciones Metalurgical S.A.	PHILIPPINES BOLIVIA (PLURINATIONAL STATE	CID002517 CCID001337
Operaciones Metalurgical S.A.	PHILIPPINES BOLIVIA (PLURINATIONAL STATE BOLIVIA (PLURINATIONAL STATE	CCID001337
= ' ' '	BOLIVIA (PLURINATIONAL STATE	CCID001337
Operaciones Metalurgical S.A. Operaciones Metalurgical S.A.	BOLIVIA (PLURINATIONAL STATE BOLIVIA (PLURINATIONAL STATE	CCID001337
Operaciones Metalurgical S.A. Operaciones Metalurgical S.A. CNMC (Guangxi) PGMA Co., Ltd.	BOLIVIA (PLURINATIONAL STATE BOLIVIA (PLURINATIONAL STATE CHINA	CID001337 CID001337 CID000278
Operaciones Metalurgical S.A. Operaciones Metalurgical S.A. CNMC (Guangxi) PGMA Co., Ltd. Phoenix Metal Ltd.	BOLIVIA (PLURINATIONAL STATE BOLIVIA (PLURINATIONAL STATE CHINA RWANDA	CID001337 CID001337 CID000278 CID002507
Operaciones Metalurgical S.A. Operaciones Metalurgical S.A. CNMC (Guangxi) PGMA Co., Ltd. Phoenix Metal Ltd. PT Aries Kencana Sejahtera	BOLIVIA (PLURINATIONAL STATE BOLIVIA (PLURINATIONAL STATE CHINA RWANDA INDONESIA	CID001337 CID001337 CID000278 CID002507 CID000309
Operaciones Metalurgical S.A. Operaciones Metalurgical S.A. CNMC (Guangxi) PGMA Co., Ltd. Phoenix Metal Ltd. PT Aries Kencana Sejahtera PT Artha Cipta Langgeng	BOLIVIA (PLURINATIONAL STATE BOLIVIA (PLURINATIONAL STATE CHINA RWANDA INDONESIA INDONESIA	CID001337 CID001337 CID000278 CID002507 CID000309 CID001399
Operaciones Metalurgical S.A. Operaciones Metalurgical S.A. CNMC (Guangxi) PGMA Co., Ltd. Phoenix Metal Ltd. PT Aries Kencana Sejahtera PT Artha Cipta Langgeng PT ATD Makmur Mandiri Jaya	BOLIVIA (PLURINATIONAL STATE BOLIVIA (PLURINATIONAL STATE CHINA RWANDA INDONESIA INDONESIA INDONESIA	CID001337 CID001337 CID000278 CID002507 CID000309 CID001399 CID002503
Operaciones Metalurgical S.A. Operaciones Metalurgical S.A. CNMC (Guangxi) PGMA Co., Ltd. Phoenix Metal Ltd. PT Aries Kencana Sejahtera PT Artha Cipta Langgeng PT ATD Makmur Mandiri Jaya PT Babel Inti Perkasa PT Bangka Prima Tin PT Bangka Tin Industry	BOLIVIA (PLURINATIONAL STATE BOLIVIA (PLURINATIONAL STATE CHINA RWANDA INDONESIA INDONESIA INDONESIA INDONESIA	CID001337 CID000278 CID002507 CID000309 CID001399 CID002503 CID001402 CID002776 CID001419
Operaciones Metalurgical S.A. Operaciones Metalurgical S.A. CNMC (Guangxi) PGMA Co., Ltd. Phoenix Metal Ltd. PT Aries Kencana Sejahtera PT Artha Cipta Langgeng PT ATD Makmur Mandiri Jaya PT Babel Inti Perkasa PT Bangka Prima Tin PT Bangka Tin Industry PT Belitung Industri Sejahtera	BOLIVIA (PLURINATIONAL STATE BOLIVIA (PLURINATIONAL STATE CHINA RWANDA INDONESIA INDONESIA INDONESIA INDONESIA INDONESIA	CID001337 CID000278 CID002507 CID000309 CID001399 CID002503 CID001402 CID002776 CID001419 CID001421
Operaciones Metalurgical S.A. Operaciones Metalurgical S.A. CNMC (Guangxi) PGMA Co., Ltd. Phoenix Metal Ltd. PT Aries Kencana Sejahtera PT Artha Cipta Langgeng PT ATD Makmur Mandiri Jaya PT Babel Inti Perkasa PT Bangka Prima Tin PT Bangka Tin Industry	BOLIVIA (PLURINATIONAL STATE BOLIVIA (PLURINATIONAL STATE CHINA RWANDA INDONESIA INDONESIA INDONESIA INDONESIA INDONESIA INDONESIA	CID001337 CID000278 CID002507 CID000309 CID001399 CID002503 CID001402 CID002776 CID001419
Operaciones Metalurgical S.A. Operaciones Metalurgical S.A. CNMC (Guangxi) PGMA Co., Ltd. Phoenix Metal Ltd. PT Aries Kencana Sejahtera PT Artha Cipta Langgeng PT ATD Makmur Mandiri Jaya PT Babel Inti Perkasa PT Bangka Prima Tin PT Bangka Tin Industry PT Belitung Industri Sejahtera PT Bukit Timah PT Cipta Persada Mulia	BOLIVIA (PLURINATIONAL STATE BOLIVIA (PLURINATIONAL STATE CHINA RWANDA INDONESIA INDONESIA INDONESIA INDONESIA INDONESIA INDONESIA INDONESIA INDONESIA	CID001337 CID000278 CID002507 CID000309 CID001399 CID002503 CID001402 CID002776 CID001419 CID001421
Operaciones Metalurgical S.A. Operaciones Metalurgical S.A. CNMC (Guangxi) PGMA Co., Ltd. Phoenix Metal Ltd. PT Aries Kencana Sejahtera PT Artha Cipta Langgeng PT ATD Makmur Mandiri Jaya PT Babel Inti Perkasa PT Bangka Prima Tin PT Bangka Tin Industry PT Belitung Industri Sejahtera PT Bukit Timah	BOLIVIA (PLURINATIONAL STATE BOLIVIA (PLURINATIONAL STATE CHINA RWANDA INDONESIA INDONESIA INDONESIA INDONESIA INDONESIA INDONESIA INDONESIA INDONESIA INDONESIA	CID001337 CID000278 CID0002507 CID000309 CID001399 CID002503 CID001402 CID002776 CID001419 CID001421 CID001428
Operaciones Metalurgical S.A. Operaciones Metalurgical S.A. CNMC (Guangxi) PGMA Co., Ltd. Phoenix Metal Ltd. PT Aries Kencana Sejahtera PT Artha Cipta Langgeng PT ATD Makmur Mandiri Jaya PT Babel Inti Perkasa PT Bangka Prima Tin PT Bangka Tin Industry PT Belitung Industri Sejahtera PT Bukit Timah PT Cipta Persada Mulia PT DS Jaya Abadi PT Eunindo Usaha Mandiri	BOLIVIA (PLURINATIONAL STATE BOLIVIA (PLURINATIONAL STATE CHINA RWANDA INDONESIA	CIDO01337 CIDO01337 CIDO00278 CIDO02507 CIDO0309 CIDO01399 CIDO02503 CIDO01402 CIDO02776 CIDO01419 CIDO01421 CIDO01428 CIDO02696 CIDO01434 CIDO01438
Operaciones Metalurgical S.A. Operaciones Metalurgical S.A. CNMC (Guangxi) PGMA Co., Ltd. Phoenix Metal Ltd. PT Aries Kencana Sejahtera PT Artha Cipta Langgeng PT ATD Makmur Mandiri Jaya PT Babel Inti Perkasa PT Bangka Prima Tin PT Bangka Tin Industry PT Belitung Industri Sejahtera PT Bukit Timah PT Cipta Persada Mulia PT DS Jaya Abadi PT Eunindo Usaha Mandiri PT Bukit Timah	BOLIVIA (PLURINATIONAL STATE BOLIVIA (PLURINATIONAL STATE CHINA RWANDA INDONESIA	CIDO01337 CIDO01337 CIDO00278 CIDO02507 CIDO0309 CIDO01399 CIDO02503 CIDO01402 CIDO02776 CIDO01419 CIDO01421 CIDO01428 CIDO02696 CIDO01438 CIDO01428
Operaciones Metalurgical S.A. Operaciones Metalurgical S.A. CNMC (Guangxi) PGMA Co., Ltd. Phoenix Metal Ltd. PT Aries Kencana Sejahtera PT Artha Cipta Langgeng PT ATD Makmur Mandiri Jaya PT Babel Inti Perkasa PT Bangka Prima Tin PT Bangka Tin Industry PT Belitung Industri Sejahtera PT Bukit Timah PT Cipta Persada Mulia PT DS Jaya Abadi PT Eunindo Usaha Mandiri PT Bukit Timah PT Bukit Timah PT Bukit Timah	BOLIVIA (PLURINATIONAL STATE BOLIVIA (PLURINATIONAL STATE CHINA RWANDA INDONESIA	CCID001337 CID000278 CID0002507 CID000309 CID001399 CID002503 CID001402 CID002776 CID001419 CID001421 CID001428 CID002696 CID001438 CID001428 CID001428 CID001428 CID001428
Operaciones Metalurgical S.A. Operaciones Metalurgical S.A. CNMC (Guangxi) PGMA Co., Ltd. Phoenix Metal Ltd. PT Aries Kencana Sejahtera PT Artha Cipta Langgeng PT ATD Makmur Mandiri Jaya PT Babel Inti Perkasa PT Bangka Prima Tin PT Bangka Tin Industry PT Belitung Industri Sejahtera PT Bukit Timah PT Cipta Persada Mulia PT DS Jaya Abadi PT Eunindo Usaha Mandiri PT Bukit Timah	BOLIVIA (PLURINATIONAL STATE BOLIVIA (PLURINATIONAL STATE CHINA RWANDA INDONESIA	CCID001337 CID001337 CID000278 CID002507 CID000309 CID001399 CID002503 CID001402 CID002776 CID001419 CID001421 CID001428 CID002696 CID001438 CID001428 CID001428 CID001428 CID001428 CID001428 CID001428 CID001428
Operaciones Metalurgical S.A. Operaciones Metalurgical S.A. CNMC (Guangxi) PGMA Co., Ltd. Phoenix Metal Ltd. PT Aries Kencana Sejahtera PT Artha Cipta Langgeng PT ATD Makmur Mandiri Jaya PT Babel Inti Perkasa PT Bangka Prima Tin PT Bangka Tin Industry PT Belitung Industri Sejahtera PT Bukit Timah PT Cipta Persada Mulia PT DS Jaya Abadi PT Eunindo Usaha Mandiri PT Bukit Timah PT Inti Stania Prima PT Justindo	BOLIVIA (PLURINATIONAL STATE BOLIVIA (PLURINATIONAL STATE CHINA RWANDA INDONESIA	CCID001337 CID001337 CID000278 CID0002507 CID000309 CID001399 CID002503 CID001402 CID002776 CID001419 CID001421 CID001428 CID001438 CID001438 CID001428 CID001428 CID001428 CID001428 CID001428 CID001428 CID001428 CID001428
Operaciones Metalurgical S.A. Operaciones Metalurgical S.A. CNMC (Guangxi) PGMA Co., Ltd. Phoenix Metal Ltd. PT Aries Kencana Sejahtera PT Artha Cipta Langgeng PT ATD Makmur Mandiri Jaya PT Babel Inti Perkasa PT Bangka Prima Tin PT Bangka Tin Industry PT Belitung Industri Sejahtera PT Bukit Timah PT Cipta Persada Mulia PT DS Jaya Abadi PT Eunindo Usaha Mandiri PT Bukit Timah PT Inti Stania Prima PT Justindo PT Karimun Mining	BOLIVIA (PLURINATIONAL STATE BOLIVIA (PLURINATIONAL STATE CHINA RWANDA INDONESIA	CCID001337 CID001337 CID000278 CID0002507 CID000309 CID001399 CID002503 CID001402 CID002776 CID001419 CID001421 CID001428 CID001438 CID001438 CID001428 CID001428 CID001428 CID001428 CID001428 CID001428 CID001428 CID001428 CID001428 CID001428 CID001428 CID001448
Operaciones Metalurgical S.A. Operaciones Metalurgical S.A. CNMC (Guangxi) PGMA Co., Ltd. Phoenix Metal Ltd. PT Aries Kencana Sejahtera PT Artha Cipta Langgeng PT ATD Makmur Mandiri Jaya PT Babel Inti Perkasa PT Bangka Prima Tin PT Bangka Tin Industry PT Belitung Industri Sejahtera PT Bukit Timah PT Cipta Persada Mulia PT DS Jaya Abadi PT Eunindo Usaha Mandiri PT Bukit Timah PT Hukit Timah PT Stania Prima PT Justindo PT Karimun Mining PT Kijang Jaya Mandiri	BOLIVIA (PLURINATIONAL STATE BOLIVIA (PLURINATIONAL STATE CHINA RWANDA INDONESIA	CCID001337 CID001337 CID000278 CID0002507 CID000309 CID001399 CID002503 CID001402 CID002776 CID001419 CID001421 CID001428 CID001438 CID001438 CID001428 CID001428 CID001428 CID001428 CID001428 CID001428 CID001428 CID001428 CID001428 CID001428 CID001428 CID001428 CID001428 CID001428 CID001448 CID000307 CID001448 CID001448
Operaciones Metalurgical S.A. Operaciones Metalurgical S.A. CNMC (Guangxi) PGMA Co., Ltd. Phoenix Metal Ltd. PT Aries Kencana Sejahtera PT Artha Cipta Langgeng PT ATD Makmur Mandiri Jaya PT Babel Inti Perkasa PT Bangka Prima Tin PT Bangka Tin Industry PT Belitung Industri Sejahtera PT Bukit Timah PT Cipta Persada Mulia PT DS Jaya Abadi PT Eunindo Usaha Mandiri PT Bukit Timah PT Karimun Mining PT Karimun Mining PT Kijang Jaya Mandiri PT Lautan Harmonis Sejahtera	BOLIVIA (PLURINATIONAL STATE BOLIVIA (PLURINATIONAL STATE CHINA RWANDA INDONESIA	CCID001337 CID001337 CID000278 CID0002507 CID000309 CID001399 CID002503 CID001402 CID002776 CID001419 CID001421 CID001428 CID001438 CID001438 CID001428 CID001428 CID001428 CID001428 CID001428 CID001428 CID001428 CID001428 CID001428 CID001428 CID001428 CID001428 CID002530 CID000307 CID001448 CID002829 CID002870
Operaciones Metalurgical S.A. Operaciones Metalurgical S.A. CNMC (Guangxi) PGMA Co., Ltd. Phoenix Metal Ltd. PT Aries Kencana Sejahtera PT Artha Cipta Langgeng PT ATD Makmur Mandiri Jaya PT Babel Inti Perkasa PT Bangka Prima Tin PT Bangka Tin Industry PT Belitung Industri Sejahtera PT Bukit Timah PT Cipta Persada Mulia PT DS Jaya Abadi PT Eunindo Usaha Mandiri PT Bukit Timah PT Bukit Timah PT Bukit Timah PT Inti Stania Prima PT Justindo PT Karimun Mining PT Kijang Jaya Mandiri PT Lautan Harmonis Sejahtera PT Menara Cipta Mulia	BOLIVIA (PLURINATIONAL STATE BOLIVIA (PLURINATIONAL STATE CHINA RWANDA INDONESIA	CCID001337 CID001337 CID000278 CID0002507 CID000309 CID001399 CID002503 CID001402 CID002776 CID001419 CID001421 CID001428 CID001438 CID001438 CID001428 CID001428 CID001428 CID001428 CID001428 CID001428 CID001428 CID001428 CID001428 CID001428 CID001428 CID002530 CID000307 CID001448 CID002829 CID002870 CID002870
Operaciones Metalurgical S.A. Operaciones Metalurgical S.A. CNMC (Guangxi) PGMA Co., Ltd. Phoenix Metal Ltd. PT Aries Kencana Sejahtera PT Artha Cipta Langgeng PT ATD Makmur Mandiri Jaya PT Babel Inti Perkasa PT Bangka Prima Tin PT Bangka Tin Industry PT Belitung Industri Sejahtera PT Bukit Timah PT Cipta Persada Mulia PT DS Jaya Abadi PT Eunindo Usaha Mandiri PT Bukit Timah PT Bukit Timah PT Inti Stania Prima PT Justindo PT Karimun Mining PT Kijang Jaya Mandiri PT Lautan Harmonis Sejahtera PT Menara Cipta Mulia PT Mitra Stania Prima	BOLIVIA (PLURINATIONAL STATE BOLIVIA (PLURINATIONAL STATE CHINA RWANDA INDONESIA	CCID001337 CID001337 CID000278 CID0002507 CID000309 CID001399 CID002503 CID001402 CID001419 CID001421 CID001428 CID001438 CID001438 CID001428 CID001428 CID001428 CID001428 CID001428 CID001428 CID001428 CID001428 CID001428 CID001428 CID002530 CID000307 CID001448 CID002829 CID002870 CID002835 CID002835
Operaciones Metalurgical S.A. Operaciones Metalurgical S.A. CNMC (Guangxi) PGMA Co., Ltd. Phoenix Metal Ltd. PT Aries Kencana Sejahtera PT Artha Cipta Langgeng PT ATD Makmur Mandiri Jaya PT Babel Inti Perkasa PT Bangka Prima Tin PT Bangka Tin Industry PT Belitung Industri Sejahtera PT Bukit Timah PT Cipta Persada Mulia PT DS Jaya Abadi PT Eunindo Usaha Mandiri PT Bukit Timah PT Bukit Timah PT Inti Stania Prima PT Justindo PT Karimun Mining PT Kijang Jaya Mandiri PT Lautan Harmonis Sejahtera PT Menara Cipta Mulia PT Mitra Stania Prima PT O.M. Indonesia	BOLIVIA (PLURINATIONAL STATE BOLIVIA (PLURINATIONAL STATE CHINA RWANDA INDONESIA	CCID001337 CID000278 CID0002507 CID000309 CID001399 CID002503 CID001402 CID002776 CID001419 CID001421 CID001428 CID001438 CID001438 CID001428 CID001428 CID001428 CID001428 CID001428 CID001428 CID001428 CID001428 CID001428 CID001428 CID002530 CID000307 CID001448 CID002829 CID002870 CID002835 CID002857
Operaciones Metalurgical S.A. Operaciones Metalurgical S.A. CNMC (Guangxi) PGMA Co., Ltd. Phoenix Metal Ltd. PT Aries Kencana Sejahtera PT Artha Cipta Langgeng PT ATD Makmur Mandiri Jaya PT Babel Inti Perkasa PT Bangka Prima Tin PT Bangka Tin Industry PT Belitung Industri Sejahtera PT Bukit Timah PT Cipta Persada Mulia PT DS Jaya Abadi PT Eunindo Usaha Mandiri PT Bukit Timah PT Inti Stania Prima PT Justindo PT Karimun Mining PT Kijang Jaya Mandiri PT Lautan Harmonis Sejahtera PT Menara Cipta Mulia PT Mitra Stania Prima PT O.M. Indonesia PT Panca Mega Persada	BOLIVIA (PLURINATIONAL STATE BOLIVIA (PLURINATIONAL STATE CHINA RWANDA INDONESIA	CIDO01337 CIDO01337 CIDO00278 CIDO02507 CIDO00309 CIDO01399 CIDO02503 CIDO01402 CIDO01419 CIDO01421 CIDO01428 CIDO01428 CIDO01438 CIDO01428 CIDO01428 CIDO01428 CIDO01428 CIDO01428 CIDO01428 CIDO01428 CIDO02530 CIDO01448 CIDO02835 CIDO02835 CIDO02870 CIDO02877 CIDO01457
Operaciones Metalurgical S.A. Operaciones Metalurgical S.A. CNMC (Guangxi) PGMA Co., Ltd. Phoenix Metal Ltd. PT Aries Kencana Sejahtera PT Artha Cipta Langgeng PT ATD Makmur Mandiri Jaya PT Babel Inti Perkasa PT Bangka Prima Tin PT Bangka Tin Industry PT Belitung Industri Sejahtera PT Bukit Timah PT Cipta Persada Mulia PT DS Jaya Abadi PT Eunindo Usaha Mandiri PT Bukit Timah PT Inti Stania Prima PT Justindo PT Karimun Mining PT Kijang Jaya Mandiri PT Lautan Harmonis Sejahtera PT Menara Cipta Mulia PT Mitra Stania Prima PT O.M. Indonesia PT Panca Mega Persada PT Prima Timah Utama	BOLIVIA (PLURINATIONAL STATE BOLIVIA (PLURINATIONAL STATE CHINA RWANDA INDONESIA	CIDO01337 CIDO01337 CIDO00278 CIDO02507 CIDO00309 CIDO01399 CIDO02503 CIDO01402 CIDO01419 CIDO01421 CIDO01421 CIDO01428 CIDO01438 CIDO01438 CIDO01428 CIDO01428 CIDO01448 CIDO02530 CIDO02530 CIDO02530 CIDO02835 CIDO02835 CIDO02835 CIDO02757 CIDO01453 CIDO01457 CIDO01458
Operaciones Metalurgical S.A. Operaciones Metalurgical S.A. CNMC (Guangxi) PGMA Co., Ltd. Phoenix Metal Ltd. PT Aries Kencana Sejahtera PT Artha Cipta Langgeng PT ATD Makmur Mandiri Jaya PT Babel Inti Perkasa PT Bangka Prima Tin PT Bangka Tin Industry PT Belitung Industri Sejahtera PT Bukit Timah PT Cipta Persada Mulia PT DS Jaya Abadi PT Eunindo Usaha Mandiri PT Bukit Timah PT Bukit Timah PT Inti Stania Prima PT Justindo PT Karimun Mining PT Kijang Jaya Mandiri PT Lautan Harmonis Sejahtera PT Menara Cipta Mulia PT Mitra Stania Prima PT O.M. Indonesia PT Panca Mega Persada PT Prima Timah Utama PT Refined Bangka Tin	BOLIVIA (PLURINATIONAL STATE BOLIVIA (PLURINATIONAL STATE CHINA RWANDA INDONESIA	CIDO01337 CIDO01337 CIDO00278 CIDO02507 CIDO00309 CIDO01399 CIDO02503 CIDO01402 CIDO01419 CIDO01421 CIDO01428 CIDO01428 CIDO01438 CIDO01428 CIDO01428 CIDO01428 CIDO01428 CIDO01428 CIDO01428 CIDO02530 CIDO00307 CIDO01448 CIDO02835 CIDO02835 CIDO02835 CIDO02757 CIDO01453 CIDO01457 CIDO01458 CIDO01460
Operaciones Metalurgical S.A. Operaciones Metalurgical S.A. CNMC (Guangxi) PGMA Co., Ltd. Phoenix Metal Ltd. PT Aries Kencana Sejahtera PT Artha Cipta Langgeng PT ATD Makmur Mandiri Jaya PT Babel Inti Perkasa PT Bangka Prima Tin PT Bangka Tin Industry PT Belitung Industri Sejahtera PT Bukit Timah PT Cipta Persada Mulia PT DS Jaya Abadi PT Eunindo Usaha Mandiri PT Bukit Timah PT Inti Stania Prima PT Justindo PT Karimun Mining PT Kijang Jaya Mandiri PT Lautan Harmonis Sejahtera PT Menara Cipta Mulia PT Mitra Stania Prima PT O.M. Indonesia PT Panca Mega Persada PT Prima Timah Utama PT Refined Bangka Tin PT Sariwiguna Binasentosa	BOLIVIA (PLURINATIONAL STATE BOLIVIA (PLURINATIONAL STATE CHINA RWANDA INDONESIA	CIDO01337 CIDO01337 CIDO00278 CIDO02507 CIDO0309 CIDO01399 CIDO02503 CIDO01402 CIDO02776 CIDO01419 CIDO01421 CIDO01428 CIDO01438 CIDO01438 CIDO01428 CIDO01428 CIDO01448 CIDO02530 CIDO02530 CIDO02530 CIDO02530 CIDO02530 CIDO02530 CIDO02530 CIDO02530 CIDO02530 CIDO02530 CIDO02530 CIDO02530 CIDO02530 CIDO02530 CIDO02530 CIDO02530 CIDO02530 CIDO02829 CIDO02875 CIDO01453 CIDO01457 CIDO01458 CIDO01460 CIDO01460
Operaciones Metalurgical S.A. Operaciones Metalurgical S.A. CNMC (Guangxi) PGMA Co., Ltd. Phoenix Metal Ltd. PT Aries Kencana Sejahtera PT Artha Cipta Langgeng PT ATD Makmur Mandiri Jaya PT Babel Inti Perkasa PT Bangka Prima Tin PT Bangka Tin Industry PT Belitung Industri Sejahtera PT Bukit Timah PT Cipta Persada Mulia PT DS Jaya Abadi PT Eunindo Usaha Mandiri PT Bukit Timah PT Bukit Timah PT Inti Stania Prima PT Justindo PT Karimun Mining PT Kijang Jaya Mandiri PT Lautan Harmonis Sejahtera PT Menara Cipta Mulia PT Mitra Stania Prima PT O.M. Indonesia PT Panca Mega Persada PT Prima Timah Utama PT Refined Bangka Tin	BOLIVIA (PLURINATIONAL STATE BOLIVIA (PLURINATIONAL STATE CHINA RWANDA INDONESIA	CIDO01337 CIDO01337 CIDO00278 CIDO02507 CIDO00309 CIDO01399 CIDO01402 CIDO01419 CIDO01419 CIDO01421 CIDO01428 CIDO01434 CIDO01438 CIDO01428 CIDO01428 CIDO01428 CIDO01428 CIDO01428 CIDO02530 CIDO00307 CIDO01448 CIDO02835 CIDO02835 CIDO02835 CIDO02757 CIDO01453 CIDO01458 CIDO01458 CIDO01458 CIDO01460

PT Sumber Jaya Indah	INDONESIA	CID001471
PT Timah (Persero) Tbk Kundur	INDONESIA	CID001477
PT Timah (Persero) Tbk Kundur	INDONESIA	CID001477
PT Timah (Persero) Tbk Mentok	INDONESIA	CID001482
PT Tinindo Inter Nusa	INDONESIA	CID001490
PT Tirus Putra Mandiri	INDONESIA	CID002478
PT Tommy Utama	INDONESIA	CID001493
PT Wahana Perkit Jaya	INDONESIA	CID002479
Resind Indústria e Comércio Ltda.	BRAZIL	CID002706
Rui Da Hung	TAIWAN, PROVINCE OF CHINA	CID001539
Huichang Jinshunda Tin Co., Ltd.	CHINA	CID000760
Yunnan Tin Company Limited	CHINA	CID002180
Soft Metais Ltda.	BRAZIL	CID001758
Thaisarco	THAILAND	CID001898
Thaisarco	THAILAND	CID001898
Thaisarco	THAILAND	CID001898
Gejiu Yunxin Nonferrous Electrolysis Co., Ltd.	CHINA	CID001908
Yunnan Tin Company Limited	CHINA	CID002180
Mineração Taboca S.A.	BRAZIL	CID001173
Tuyen Quang Non-Ferrous Metals Joint Stock Company	VIET NAM	CID002574
PT Timah (Persero) Tbk Kundur	INDONESIA	CID001477
VQB Mineral and Trading Group JSC	VIET NAM	CID002015
White Solder Metalurgia e Mineração Ltda.	BRAZIL	CID002036
White Solder Metalurgia e Mineração Ltda.	BRAZIL	CID002036
China Tin Group Co., Ltd.	CHINA	CID001070
Yunnan Tin Company Limited	CHINA	CID002180
Gejiu Yunxin Nonferrous Electrolysis Co., Ltd.	CHINA	CID001908
Yunnan Chengfeng Non-ferrous Metals Co., Ltd.	CHINA	CID002158
Yunnan Chengfeng Non-ferrous Metals Co., Ltd. Yunnan Chengfeng Non-ferrous Metals Co., Ltd.	CHINA CHINA	CID002158 CID002158
Gejiu Zili Mining And Metallurgy Co., Ltd.	CHINA	CID002158
Gejiu Yunxin Nonferrous Electrolysis Co., Ltd.	CHINA	CID000333
Yunnan Tin Company Limited	CHINA	CID001308
Yunnan Tin Company Limited	CHINA	CID002180
Yunnan Chengfeng Non-ferrous Metals Co., Ltd.	CHINA	CID002158
Yunnan Tin Company Limited	CHINA	CID002138
Gejiu Yunxin Nonferrous Electrolysis Co., Ltd.	CHINA	CID002100
dejid Turixiii Noriierrod3 Electrory313 co., Etd.	CHINA	C1D001700
Unknown	Unknown	
A.L.M.T. TUNGSTEN Corp.	JAPAN	CID000004
ACL Metais Eireli	BRAZIL	CID002833
A.L.M.T. TUNGSTEN Corp.	JAPAN	CID000004
A.L.M.T. TUNGSTEN Corp.	JAPAN	CID000004
A.L.M.T. TUNGSTEN Corp.	JAPAN	CID000004
Asia Tungsten Products Vietnam Ltd.	VIET NAM	CID002502
Kennametal Huntsville	UNITED STATES OF AMERICA	CID000105
Kennametal Huntsville	UNITED STATES OF AMERICA	CID000105
Guangdong Xianglu Tungsten Co., Ltd.	CHINA	CID000218
Chenzhou Diamond Tungsten Products Co., Ltd.	CHINA	CID002513
Ganzhou Huaxing Tungsten Products Co., Ltd.	CHINA	CID000875
Chongyi Zhangyuan Tungsten Co., Ltd.	CHINA	CID000258
Dayu Jincheng Tungsten Industry Co., Ltd.	CHINA	CID002518
Dayu Weiliang Tungsten Co., Ltd.	CHINA	CID000345
Fujian Jinxin Tungsten Co., Ltd.	CHINA	CID000499
Ganzhou Huaxing Tungsten Products Co., Ltd.	CHINA	CID000875
Ganzhou Jiangwu Ferrotungsten Co., Ltd.	CHINA	CID002315
Ganzhou Seadragon W & Mo Co., Ltd.	CHINA	CID002494
Ganzhou Yatai Tungsten Co., Ltd.	CHINA	CID002536
Global Tungsten & Powders Corp.	UNITED STATES OF AMERICA	CID000568
Global Tungsten & Powders Corp.	UNITED STATES OF AMERICA	CID000568
Guangdong Xianglu Tungsten Co., Ltd.	CHINA	CID000218
H.C. Starck GmbH	GERMANY	CID002541
H.C. Starck Smelting GmbH & Co.KG	GERMANY	CID002542

Hunan Chunchang Nonferrous Metals Co., Ltd.	CHINA	CID000769
Hunan Chenzhou Mining Co., Ltd.	CHINA	CID000766
Hunan Chenzhou Mining Co., Ltd.	CHINA	CID000766
Hunan Chuangda Vanadium Tungsten Co., Ltd. Wuji	CHINA	CID002579
Hunan Chunchang Nonferrous Metals Co., Ltd.	CHINA	CID000769
Hydrometallurg, JSC	RUSSIAN FEDERATION	CID002649
Japan New Metals Co., Ltd.	JAPAN	CID000825
Jiangwu H.C. Starck Tungsten Products Co., Ltd.	CHINA	CID002551
Jiangxi Dayu Longxintai Tungsten Co., Ltd.	CHINA	CID002647
Jiangxi Gan Bei Tungsten Co., Ltd.	CHINA	CID002321
Jiangxi Minmetals Gao'an Non-ferrous Metals Co., Ltd.	CHINA	CID002313
Jiangxi Tonggu Non-ferrous Metallurgical & Chemical Co., Ltd.	CHINA	CID002318
Ganzhou Huaxing Tungsten Products Co., Ltd.	CHINA	CID000875
Ganzhou Huaxing Tungsten Products Co., Ltd.	CHINA	CID000875
Jiangxi Xinsheng Tungsten Industry Co., Ltd.	CHINA	CID002317
Jiangxi Xiushui Xianggan Nonferrous Metals Co., Ltd.	CHINA	CID002535
Jiangxi Yaosheng Tungsten Co., Ltd.	CHINA	CID002316
Kennametal Fallon	UNITED STATES OF AMERICA	CID000966
Kennametal Huntsville	UNITED STATES OF AMERICA	CID000105
Malipo Haiyu Tungsten Co., Ltd.	CHINA	CID002319
Moliren Ltd	RUSSIAN FEDERATION	CID002845
Niagara Refining LLC	UNITED STATES OF AMERICA	CID002589
Nui Phao H.C. Starck Tungsten Chemicals Manufacturing LLC	VIET NAM	CID002543
Philippine Chuangxin Industrial Co., Inc.	PHILIPPINES	CID002827
Xinhai Rendan Shaoguan Tungsten Co., Ltd.	CHINA	CID002095
South-East Nonferrous Metal Company Limited of Hengyang C		CID002815
Tejing (Vietnam) Tungsten Co., Ltd.	VIET NAM	CID001889
Unecha Refractory metals plant	RUSSIAN FEDERATION	CID002724
Vietnam Youngsun Tungsten Industry Co., Ltd.	VIET NAM	CID002011
Wolfram Bergbau und Hütten AG	AUSTRIA	CID002044
Wolfram Bergbau und Hütten AG	AUSTRIA	CID002044
Wolfram Bergbau und Hütten AG	AUSTRIA	CID002044
Woltech Korea Co., Ltd.	KOREA (REPUBLIC OF)	CID002843
Xiamen Tungsten (H.C.) Co., Ltd.	CHINA	CID002343
Xiamen Tungsten (H.C.) Co., Ltd.	CHINA	CID002320 CID002320
Xiamen Tungsten (n.c.) 66., Etd. Xiamen Tungsten Co., Ltd.	CHINA	CID002320
Xinfeng Huarui Tungsten & Molybdenum New Material Co., Ltd		CID002082
	CHINA	
Xinhai Rendan Shaoguan Tungston Co., Ltd.		CID002095
Chongyi Zhangyuan Tungsten Co., Ltd.	CHINA	CID000258
Xinhai Rendan Shaoguan Tungsten Co., Ltd.	CHINA	CID002095
South-East Nonferrous Metal Company Limited of Hengyang C		CID002815
Tejing (Vietnam) Tungsten Co., Ltd.	VIET NAM	CID001889
Vietnam Youngsun Tungsten Industry Co., Ltd.	VIET NAM	CID002011
Wolfram Bergbau und Hütten AG	AUSTRIA	CID002044
Wolfram Bergbau und Hütten AG	AUSTRIA	CID002044
Wolfram Bergbau und Hütten AG	AUSTRIA	CID002044
Woltech Korea Co., Ltd.	KOREA, REPUBLIC OF	CID002843
Xiamen Tungsten (H.C.) Co., Ltd.	CHINA	CID002320
Xiamen Tungsten (H.C.) Co., Ltd.	CHINA	CID002320
Xiamen Tungsten Co., Ltd.	CHINA	CID002082
Xinfeng Huarui Tungsten & Molybdenum New Material Co., Ltd		CID002830
Xinhai Rendan Shaoguan Tungsten Co., Ltd.	CHINA	CID002095
Chongyi Zhangyuan Tungsten Co., Ltd.	CHINA	CID000258

Unknown Unknown

ay include former company to identify the smelter, which is

e entry for both columns, however

Source of Smelter I dentification Number	Smelter Street	Smelter City	Smelter Facility Location: State / Province
CFSI		Fairless Hills	PA
CFSI		Long Island City	New York
CFSI		Warwick	Rhode Island
CFSI		Newburn	Western Australia
CFSI		Newburn	Western Australia
CFSI		Fuchu	Tokyo
CFSI		Dubai	Dubai
CFSI		Pforzheim	Baden-Württemberg
CFSI		Almalyk	Tashkent Province
CFSI		Kobe	Hyogo
CFSI		Nova Lima	Minas Gerais
CFSI		Tongling	Anhui
CFSI		Newburn	Western Australia
CFSI		Mendrisio	Ticino
CFSI		Kobe	Hyogo
CFSI		Brampton	Ontario
CFSI		Salt Lake City	Utah
CFSI		Tamura	Fukushima
CFSI		Istanbul	Istanbul Province
CFSI		Istanbul	Istanbul Province
CFSI		Johannesburg	Gauteng
CFSI		Milwaukee	Wisconsin
CFSI		Hamburg	Hamburg State
CFSI		Bangalore	Karnataka
CFSI		Quezon City	Manila
CFSI		Skelleftehamn	Västerbotten
CFSI		Pforzheim	Baden-Württemberg
CFSI		Nacozari	Sonora
CFSI		Montréal	Quebec
CFSI		Montréal	Quebec
CFSI		Biel-Bienne	Bern
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CFSI		Quezon City	Manila
CFSI		Kunming	Yunnan
CFSI		Arezzo	Tuscany
CFSI		Sanmenxia	Henan
CFSI		Laizhou	Yantai
CFSI		Chiyoda	Yunnan
CFSI		Namdong-gu	Incheon
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CFSI		Huangshi	Huabei
CFSI		Pforzheim	Baden-Württemberg
CFSI		Gimpo	Gyeonggi
CFSI		Pforzheim	Baden-Württemberg

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CFSI	Gimpo	Gyeonggi
CFSI	Kosaka	Akita
CFSI	Gimpo	Gyeonggi
CFSI	Honjo	Saitama
CFSI	Jackson	Ohio
CFSI	Dubai	Dubai
CFSI	Msasa	Harare
CFSI	Novosibirsk	Novosibirsk Province
CFSI	Shanghang	Fujian
CFSI	Lanzhou	Gansu
CFSI	Warwick	Rhode Island
CFSI	Laizhou	Shandong
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CFSI	Guangzhou	Guangdong
CFSI	Guangzhou	Guangdong
CFSI	Ahmedabad	Gujarat
CFSI	Zhaoyuan	Shandong
CFSI	Fuyang	Zhejiang
CFSI	Pforzheim	Baden-Württemberg
CFSI	Sanmenxia	Henan
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	Sanmenxia	Henan
CFSI	Fanling	Hong Kong
CFSI	Hanau	Hesse
CFSI	Yuanling	Hunan
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CFSI	Danwon	Gyeonggi
CFSI	Hohhot	Inner Mongolia
CFSI	Soka	Saitama
CFSI		Istanbul
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CFSI	Osaka	Kansai
CFSI	Guixi City	Jiangxi
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CFSI	Brampton	Ontario
CFSI	Salt Lake City	Utah
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CFSI	Verkhnyaya Pyshma	Sverdlovsk
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CFSI	Ōita	Ōita
CFSI	Dubai	Dubai
CFSI	Balkhash	Karaganda Region
CFSI	Ust-Kamenogorsk	East Kazakhstan
CFSI	Magna	Utah
CFSI	Lubin	Lower Silesian Voivodeship
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CFSI	Gangnam	Seoul
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CFSI	Bishkek	Chuy Province
CFSI	Nacozari	Sonora
CFSI	Laizhou	Shandong
CFSI	Riyadh	Riyadh Province
CFSI	Lingbao	Henan
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CFSI	Andorra la Vella	Andorra la Vella

CFSI	Onsan-eup	Ulsan
CFSI	Luoyang	Henan
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CFSI	Luoyang	Henan
CFSI	Buffalo	New York
CFSI	Iruma	Saitama
CFSI	Saijo	Ehime
CFSI	Torreon	Coahuila
CFSI	Marin	Neuchâtel
CFSI	Kwai Chung	Hong Kong
CFSI	Tuas	Singapore
CFSI	Suzhou Industrial Park	Jiangsu
CFSI	Marin	Neuchâtel
CFSI	North Attleboro	Massachusetts
CFSI	Torreon	Coahuila
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CFSI	Takehara	Hiroshima
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CFSI	Mewat	Haryana
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CFSI	Gold Coast	Queensland
CFSI	Obrucheva	Moscow Region
CFSI	Bahçelievler	Istanbul
CFSI	Navoi	Navoi Province
CFSI	Noda	Chiba
CFSI	Hamburg	Hamburg State
CFSI	Vienna	Vienna
CFSI	Jackson	Ohio
CFSI	Nara-shi	Nara
CFSI	Krasnoyarsk	Krasnoyarsk Krai
CFSI	Krasnoyarsk	Krasnoyarsk Krai
CFSI	Novosibirsk	Novosibirsk Province
CFSI	Jackson	Ohio
CFSI	Castel San Pietro	Ticino
CFSI	Ōita	Ōita
CFSI	Warwick	Rhode Island
CFSI	Penglai	Shandong
CFSI	Newburn	Western Australia
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CFSI	Kasimov	Ryazan
CFSI	Castel San Pietro	Ticino
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CFSI	Changwon	Gyeongsangnam
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CFSI	Madrid	Community of Madrid

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	Saijo	Ehime
CFSI	Long Island City	New York
CFSI	Shyolkovo	Moscow Region
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CFSI	Newton	Massachusetts
CFSI	Mito	Ibaraki
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CFSI	Mound House	Nevada
CFSI	Yifeng	Jiangxi
CFSI	São João del Rei	Minas Gerais
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CFSI	Sillamäe	Ida-Virumaa
CFSI	Shizuishan City	Ningxia
CFSI	Liezen	Styria
CFSI	Reutte	Tyrol
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CFSI	Fremont	California
CFSI	São João del Rei	Minas gerais
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CFSI	Ust-Kamenogorsk	East Kazakhstan

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	Berango	-
CFSI	Oruro	Cercado
CFSI	Ariquemes	Rondônia
CFSI	Chmielów	Subcarpathian Voivodeship
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CFSI	Laibin	Guangxi
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CFSI	Butterworth	Penang
CFSI	Ariquemes	Rondonia
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CFSI	Twinsburg	Ohio
CFSI	Beerse	Antwerp
CFSI	Bairro Guarapiranga	São Paulo
CFSI	Paracas	Ica
CFSI	Asago	Hyogo
CFSI	Kawasan Perindustrian Bukit Rambai	Melaka
CFSI	Butterworth	Penang
CFSI	Ganzhou	Jiangxi
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CFSI	Quy Hop	Nghe An
CFSI	Nongkham Sriracha	Chonburi
CFSI	Cavite Economic Zone	Rosario Cavite
CFSI	Oruro	Cercado
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CFSI	Hezhou	Guangxi
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CFSI	Sungailiat	Bangka
CFSI	Sungailiat	Bangka
CFSI	Lintang	Bangka
CFSI	Kabupaten	Bangka
CFSI	Sungailiat	Bangka
CFSI	Pangkal Pinang	Bangka
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CFSI	Kabupaten	Bangka
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CFSI	Kundur	Riau Islands
CFSI	Mentok	Bangka
CFSI	Pangkal Pinang	Bangka
CFSI	Bogor	West Java
CFSI	Sumping Desa Batu Peyu	Belitung
CFSI	Topang Island	Riau Province
CFSI	São João del Rei	Minas gerais
CFSI	Longtan Shiang Taoyuang	Taiwan
CFSI	Ganzhou	Jiangxi
CFSI	Gejiu	Yunnan
CFSI	Bebedouro	São Paulo
CFSI	Amphur Muang	Phuket
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CFSI	Bairro Guarapiranga	São Paulo
CFSI	Tan Quang	Tuyen Quang
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CFSI	Nguyen Van Ngoc	Hanoi
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CFSI	Vinh Bao District	Hai Phong
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CFSI	Chaozhou	Guangdong
CFSI	Chenzhou	Hunan
CFSI	Ganzhou	Jiangxi
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CFSI	Dayu Country	Jiangxi
CFSI	Ganzhou	Jiangxi
CFSI	Yanshi	Fujian
CFSI	Ganzhou	Jiangxi
CESI	Towanda	Pennsylvania
CEST	Towanda	Pennsylvania
CFSI CFSI	Chaozhou Goslar	Guangdong Lower Saxony
CFSI CFSI	Laufenburg	Baden-Württemberg
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CFSI	Hengyang	Hunan
CFSI	Yuanling	Hunan
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CFSI	Nalchik	Kabardino-Balkar Republic
CFSI	Akita City	Akita
CFSI	Ganzhou	Jiangxi
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CFSI	Ganzhou	Jiangxi
CFSI	Fallon	Nevada
CFSI	Huntsville	Alabama
CFSI	Nanfeng Xiaozhai	Yunnan
CFSI	Roshal	Moscow Region
CFSI	Depew	New York
CFSI	Dai Tu	Thai Nguyen
CFSI	Marilao	Bulacan
CFSI	Shaoguan	Guangdong
CFSI	Hengyang	Hunan
CFSI	Halong City	TayNinh
CFSI	Unecha Town	Bryansk Region
CFSI	Halong City	Quang Ninh
CFSI	St. Martin i-S	Styria
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