

DOCUMENT TITLE

Conflict Minerals Reporting Template

SHEET

1 of 8



An Initiative of the EICC and GeSI

REVISION HISTORY

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

REVISION	ORIGINATOR	RELEASE DATE	DESCRIPTION OF FUNCTIONAL CHANGE	UPDATES TO SMELTER LIST
1	Jared Connors, Intel	July 19th, 2011	New Release	
2	Jared Connors, Intel	Aug 29th, 2012	Major update to functionality including: addition of the known smelter list, addition of declaration scope including product tab, and added and modified multiple questions and / or their responses.	New.
2.01	Jared Connors, Intel	Dec 21st, 2012	List of changes to the template functionality: 1. Modified Smelter List tab to prevent smelter rows from wrapping text. This was being caused by the hidden formula in column A which allows for a software vendor to easily grab the smelter IDs. 2. Changed protection settings on the Smelter List tab to allow users to delete rows. This allows users to delete rows with incorrect entries within the smelter tab. Ensured that columns could not be mistakenly deleted in the process.	1. Added "CV DS Jaya Abadi" an alias to "PT Stanindo Inti Perkasa" 2. Added "Mentok" as an alias to "PT Tambang Timah" 3. Corrected spelling of "Duoluoshan" id # 3CHN001 4. Corrected spelling of "Mitsubishi Materials Corporation" id # 1JPN039 5. Changed "Gejiu Non-ferrous" to its proper name "Gejiu Non-Ferrous Metal Processing Co. Ltd." 6. Changed "Mitsubishi Material" to its proper name "Mitsubishi Materials Corporation" 7. Changed "Niotan" to "Kemet Blue Powder" 8. Added "Nihon Material Co. LTD" as a gold refiner 11. Added "Kojima Chemical" as a gold refiner 12. Added "Sabin" as a gold refiner 13. Added "United Precious Metal Refining Inc." as a gold refiner 14. Added "Yokohama Metal Co Ltd" as a gold refiner 15. Added "CNMC (Guangxi) PGMA Co., Ltd." as a tin refiner 16. Added "Conghua Tantalum and Niobium Smeltry" as a tantalum refiner 17. Removed "Tantalite Resources" as a refinery 18. Added "Minmetals Ganzhou Tin Co. Ltd." as a tin refinery 19. Updated "ATI Metalworking Products" to its proper full name "ATI Tungsten Materials" 20. Updated "China Minmetals Corp." to its proper full name "China Minmetals Nonferrous" 21. Removed "Ganzhou Huaxing Tungsten" as a smelter 22. Removed "Ganzhou Nonferrous Metals Smelting Co Ltd." as a smelter 23. Removed "Sichuan Metals & Materials Imp & Exp Co as a tungsten smelter 24. Added "Ganzhou Grand Sea W & Mo Group Co., Ltd." as a tungsten smelter 25. Added "Hunan Chenzhou Mining Group Co" as a tungsten smelter 26. Added "Japan New Metals Co Ltd" as a tungsten smelter

2.02	Jared Connors, Intel	March 29th, 2013	<ol style="list-style-type: none"> 1. Added new selection to the metals dropdown lists of smelter list tab "Smelter not yet identified" 2. Moved "smelter not listed" to the bottom of each metals dropdown list 3. Fixed error in Checker sheet to eliminate display of text "one or more smelters have been added to smelter list" when rows are deleted 4. Rewrite of T&Cs 5. Adding Italian translation 6. Allow for deletion of rows in Smelter List tab 7. Removed hover over text in column C of Smelter List tab 8. Inserted additional rows for data entry on the Smelter List tab up to 2,500 rows 9. Made smelter ID numbers visible in Smelter List tab 11. Removed language selection from individual tabs, all controlled on Declaration tab 12. Updated template to prevent users from adding tabs to the worksheet 13. Added statement at the top of the revision history tab clarifying purpose of .0x revision updates 	<ol style="list-style-type: none"> 1. Added the following aliases to Ohio Precious Metals "OPM Metals", "USPM", "United States Precious Metals" 2. Added "ALMT" as tungsten smelter 3. Added "Suzhou Xingrui Noble" as gold smelter 4. Added "Shangdong Zhaojin Group" as an alias of "Shandong Zhaojin Gold & Silver Refinery Co., Ltd" 5. Added "Shandong Zhaoyuan Gold Argentine refining company limited" as an alias of "Zhongyuan Gold Smelter of Zhongjin Gold Corporation" 6. Added "SEMPSA" as an alias for "SEMPSA Joyeria Plateria SA" 7. Added "Umicore Brazil Ltd" as an alias for "Umicore Brasil Ltda" 8. Added "Pan Pacific Copper Co., LTD." as a gold smelter 9. Added "White Solder Metalurgia" as a tin smelter 11. Corrected spelling of "jiujiang Tanbre" to "JiuJiang Tambre Co. Ltd." 12. Added Torecom as a gold smelter 15. Added "PT Tinindo Internusa" as alias of "PT Tinindo Inter Nusa" 16. Added "CV Jus Tindo" as alias of "CV JusTindo" 17. Added "PT Bellitin Makmur Lestari" and "BML" as alias of "PT BilliTIn Makmur Lestari" 18. Added "Liuzhou China Tin Group Co., Ltd." as alias of "Liuzhou China Tin" 19. Added "PT Timah (Persero) TBK" and "Banka Tin" as alias of "PT Tambang Timah" 21. Added "GEJIU ZILI MINING&SMELTING CO.,LTD." as alias of "Gejiu Zi-Li" 22. Added "Jiangxi Tungsten Co Ltd" as alias of "Jiangxi Tungsten Industry Group Co Ltd" 23. Added "Linwu Xianggui" as a tin smelter 24. Added "IMLI" and "Indra Eramulti Logam" as aliases of "PT Bukit Timah" 25. Added "CV Gita Pesona" as tin smelter 26. Added "PT Tommy Utama" as tin smelter 27. Added "PT Bangka Tin Industry" as tin smelter 28. Added "PT DS Jaya Abadi" as tin smelter 29. Added "PT Panca Mega" as tin smelter 31. Added "PT Karimun Mining" as tin smelter 32. Added "Cooper Santa" as tin smelter 33. Added "Daejin Indus Co. Ltd" as gold smelter 34. Added "DaeryongENC" as gold smelter 35. Added "Do Sung Corporation" as gold smelter 36. Added "Hwasung CJ Co. Ltd" as gold smelter 37. Added "Korea Metal" as gold smelter
2.03	Akimasa Yamakawa, JEITA / John Plyler, BlackBerry	July 12th, 2013	<ol style="list-style-type: none"> 1. Resolved Excel 2003 incompatibility with programming for multiple languages. 2. Minor corrections to row number references in the instructions. 3. Added translation on checker sheet for the Column Name "Hyperlink to Source" 4. Corrected Japanese translation of "authorized representative" and "representative" on Declaration worksheet. 5. Adjusted row spacing of misc cells to allow for different lengths of translated text and comments. 	<ol style="list-style-type: none"> 1. Added "Fujian Jinxin Tungsten Co., Ltd." as tungsten refiner 2. Added "Dayu Weiliang Tungsten Co., Ltd." as tungsten refiner 3. Added "Xinhai Rendan Shaoguan Tungsten Co., Ltd." as tungsten refiner 4. Added "Hunan Chun-Chang Nonferrous Smelting & Concentrating Co., Ltd." as tungsten refiner 5. Added "Jiangxi Minmetals Gao'an Non-ferrous Metals Co., Ltd." as tungsten refiner 6. Corrected the spelling of "Allydne" to "Alldyne" 7. Corrected the spelling of "Allydne Powder Technologies" to "Alldyne Powder Technologies" 8. Corrected the spelling of "Korea Metal" to "Korea Metal Co. Ltd"

			<p>6. Removed the symbols for the metals on the standard smelter list (e.g., "Sn").</p> <p>7. Deleted text "If no for all metals, you are done with this survey." from question 1 on the Declaration worksheet.</p>	<p>11. Added "Taki Chemicals" as tantalum smelter</p> <p>12. Added "Tantalite Resources" as tantalum smelter</p> <p>13. Corrected naming inconsistency of "Ohio Precious Metals LLC." on standard smelter list and alias table.</p> <p>14. Corrected naming inconsistency of "The Refinery of Shandong Gold Mining Co., Ltd" on standard smelter list and alias table.</p> <p>15. Added "Molycorp Silmet" as tantalum smelter</p> <p>16. Added "King-Tan Tantalum Industry Ltd" as tantalum smelter</p> <p>17. Added "CooperMetal" as an alias of "Coopersanta"</p> <p>18. Corrected the spelling of "Malaysia Smelting Corp" to "Malaysia Smelting Corporation (MSC)"</p> <p>21. Added "Fenix Metals" as tin smelter</p> <p>22. Changed alias "Bangka Tin" from "PT Tambang Timah" to "PT Timah"</p> <p>23. Added "Ketapang" as an alias of "PT Bangka Putra Karya"</p> <p>24. Corrected the Smelter ID of Cooper Santa from "2IDN063" to "2BRA063"</p> <p>25. Added "Kundur" as an alias of "PT Tambang Timah"</p> <p>26. Added "TT" as an alias of "PT Tambang Timah"</p> <p>27. Added "CooperMetal" as an alias of "Coopersanta"</p>
2.03a	John Plyler, BlackBerry	July 25th, 2013	No functional change.	<p>1. Corrected the spelling of "ALMT" to "A.L.M.T. Corp."</p> <p>2. Added "A.L.M.T. Tungsten Corp", "Allied Material Corp", and "ALMT" as aliases of "A.L.M.T. Corp."</p> <p>3. Corrected country of "A.L.M.T. Corp." to "Japan" and smelter ID to "4JPN020"</p> <p>4. Changed alias "Wolfram" for "Wolfram Company CJSC" to "Wolfram [Russia]"</p> <p>5. Added "Wolfram [Austria]" as an alias of "Wolfram Bergbau und Hütten AG"</p> <p>6. Added "Kennametal Inc." as a tungsten refiner</p>
3.00	Akimasa Yamakawa, JEITA, and John Plyler, BlackBerry, under the direction of the CFSI Due Diligence Workgroup	April 9th, 2014	<p>Major update to synchronize the CFSI CMRT with the data fields in the newly published IPC-1755 Standard. Changes include:</p> <ol style="list-style-type: none"> 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. 	<p>Added the following gold refiners:</p> <ol style="list-style-type: none"> 1. Bauer Walser AG 2. C. Hafner GmbH + Co. KG 3. China National Gold Group Corporation 4. Colt Refining 5. Daye Non-Ferrous Metals Mining Ltd. 6. Doduco 7. Eco-System Recycling Co., Ltd. 8. Gansu Seemine Material Hi-Tech Co Ltd 9. Guanadona Jindina Gold Limited 11. Hunan Chenzhou Mining Industry Group 12. Kennecott Utah Copper LLC 13. Lingbao Jinyuan Tonghui Refinery Co. Ltd. 14. Luoyang Zijin Yinhui Metal Smelt Co Ltd 15. Metalor Technologies (Singapore) Pte. Ltd. 16. Ohura Precious Metal Industry Co., Ltd 17. Penglai Penggang Gold Industry Co Ltd 18. So Accurate Group, Inc. 19. Tongling nonferrous Metals Group Co.,Ltd 21. YAMAMOTO PRECIOUS METAL CO., LTD. 22. Yunnan Copper Industry Co Ltd

Added the following tantalum smelters:

1. Changsha South Tantalum Niobium Co Ltd
2. Guangdong Zhiyuan New Material Co., Ltd.
3. Hengyang King Xing Lifeng New Materials Co., LTD
4. Metallurgical Products India (Pvt.) Ltd.
5. Mineração Taboca S.A.
6. Shanghai Jiangxi Metals Co. Ltd
7. Vietnam Tin Mine Rare Metal Co., Ltd.

Added the following tin smelters:

1. China Rare Metal Materials Company
2. Estanho de Rondônia S.A.
3. Magnu's Mineraias Metais e Ligas LTDA
4. O.M. Manufacturing (Thailand) Co., Ltd.
5. Rui Da Hung

Added the following tungsten refiners:

1. Ganzhou Jiangwu Ferrotungsten Co., Ltd.
2. Jiangxi Gan Bei Tungsten Co., Ltd.
3. Jiangxi Richsea New Materials Co., Ltd.
4. Jiangxi Tonggu Non-ferrous Metallurgical & Chemical Co., Ltd.
5. Jiangxi Xinsheng Tungsten Industry Co., Ltd.
6. Jiangxi Yaosheng Tungsten Co., Ltd.
7. Malipo Haiyu Tungsten Co., Ltd.

Removed the following as gold refiners:

1. Central Bank of the DPR of Korea
2. Codelco
3. Suzhou Xingrui Noble

Removed "Gannon & Scott" as a tantalum smelter

Removed the following as tin smelters:

1. CV Duta Putra Bangka
2. CV Gita Pesona
3. CV JusTindo
4. CV Makmur Jaya
5. CV Nurjanah
6. Gold Bell Group
7. PT Alam Lestari Kencana
8. PT Babel Surya Alam Lestari
9. PT Bangka Kudai Tin
11. PT BilliTin Makmur Lestari
12. PT Fang Di MulTindo
13. PT HP Metals Indonesia
14. PT Koba Tin
15. PT Panca Mega
16. PT Seirama Tin investment
17. PT Sumber Jaya Indah
18. PT Timah Nusantara
19. PT Tommy Utama

Removed the following as tungsten refiners:

1. China Minmetals Nonferrous Metals Co Ltd
2. Ganzhou Grand Sea W & Mo Group Co Ltd

				<p>Changed numerous Standard Smelter Names, including:</p> <ol style="list-style-type: none"> 1. "Pan Pacific Copper Co. LTD" to "JX Nippon Mining & Metals Co., Ltd" 2. "Xstrata Canada Corporation" to "CCR Refinery – Glencore Canada Corporation" 3. "PT Refined Banka Tin" to "PT Refined Bangka Tin" 4. "ATI Tungsten Materials" to "Kennametal Huntsville" 5. "Jiangxi Rare Earth & Rare Metals Tungsten Group Corp" to "Ganzhou Non-ferrous Metals Smelting Co., Ltd." 6. "Kennametal Inc." to "Kennametal Fallon" 7. "Chaozhou Xianglu Tungsten Industry Co Ltd" to "Guangdong Xianglu Tungsten Industry Co., Ltd." <p>Changed numerous "Alias" names of smelters and refiners.</p>
3.01	Akimasa Yamakawa, JEITA, and John Plyler, BlackBerry, under the direction of the CFSI Due Diligence Workgroup	May 30th, 2014	<ol style="list-style-type: none"> 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. 	<ol style="list-style-type: none"> 1. Added the tin smelter "Melt Metais e Ligas S/A" 2. Added the tungsten refiner "Vietnam Youngsun Tungsten Industry Co., Ltd" 3. Corrected the name of tin smelter "Liuzhou China Tin" to "China Tin Group Co., Ltd." 4. Corrected the name of tin smelter "PT Timah" to "PT Timah (Persero), Tbk"
3.02	John Plyler, BlackBerry, under the direction of the CFSI Due Diligence Data Collection Workgroup	Nov 7th, 2014	<ol style="list-style-type: none"> 1. Revisions to the German language translation throughout. 2. Correction of the Japanese language translation for Question 4 on the Declaration worksheet. 	<p>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.conflictreesourcing.org.</p>
4.0	CFSI Due Diligence Data Collection Workgroup	Apr 30th, 2015	<p>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:</p> <ol style="list-style-type: none"> 1. Changes to question text throughout. 2. Expansion of instructions and definitions. 3. Updated translations of all modified text. 	<p>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.conflictreesourcing.org.</p>
4.01	CFSI Due Diligence Data Collection Workgroup	June 12th, 2015	<p>Minor revisions to correct reported issues including those related to error checking on the "Checker" and "Smelter List" tabs.</p>	<p>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.conflictreesourcing.org.</p>

4.01a	CFSI Due Diligence Data Collection Workgroup	August 6th, 2015	No functional change. Elemental 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.conflictreesourcing.org .
4.01b	CFSI Due Diligence Data Collection Workgroup	November 16th, 2015	No functional change.	This version incorporates a few changes to the smelter list as reflected in the Standard Smelter List as of November 6, 2015. The latest version of the Standard Smelter List is available at: http://www.conflictreesourcing.org .
4.10	CFSI CMRT Team	May 12, 2017	<ol style="list-style-type: none"> 1. Corrections to all bugs and errors 2. Enhancements which do not conflict with IPC-1755 <ol style="list-style-type: none"> 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 <ol style="list-style-type: none"> 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.conflictreesourcing.org .
4.20	CFSI CMRT Team	November 30, 2016	<ol style="list-style-type: none"> 1. Corrections to all bugs and errors 2. Enhancements which do not conflict with IPC-1755 <ol style="list-style-type: none"> 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.conflictreesourcing.org/conflict-free-smelter-program/exports/cmrt-export/ .
5.0	CFSI CMRT Team	May 12, 2017	<ol style="list-style-type: none"> 1. Corrections to all bugs and errors 2. Conformance to IPC-1755 in the wording of the following questions: Q. 1, Q. 2, Q. 5, A, F, I (formerly J); removal of former question G <ol style="list-style-type: none"> a. Additions and clarifications in the instructions and definitions b. Update to ISO short names for countries 3. Conformance to IPC-1755 use of ASCII character set for Standard Smelter Name in hidden column R on the smelter list 4. Addition of ISO Country Codes and State/Province Codes in hidden columns S and T on the smelter list 5. Renaming of "Smelter Reference List" to "Smelter Look-up" 6. Updates to translations for all modified text 7. Updates to the Smelter Look-up List and Standard Smelter List 	This version incorporates a few changes to the smelter list as reflected in the Standard Smelter List as of March 17, 2017. The latest version of the Standard Smelter List is available at: http://www.conflictreesourcing.org/conflict-free-smelter-program/exports/cmrt-export/ .
5.01	CFSI CMRT Team	June 21, 2017	Corrections to checker tab errors	This version incorporates a few changes to the smelter list as reflected in the Standard Smelter List as of March 17, 2017. The latest version of the Standard Smelter List is available at: http://www.conflictreesourcing.org/conflict-free-smelter-program/exports/cmrt-export/ .

CFSI website: (www.conflictreesourcing.org)

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



An initiative of the EICC and GeSI

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 with "=" 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.conflictreesourcing.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 is positive, then the subsequent questions shall be completed for that metal and the following due diligence questions (A to I) 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 or production" of a product. The SEC guidance is based upon the presumption that a company in the supply chain for a product would not intentionally add a 3TG to that product or any of a product's sub-components if that 3TG was not necessary to the product's generally expected function, use, or purpose. Similarly, the guidance presumes that a 3TG would not be necessary to the production of a product unless it was intentionally included in the production process of that product. The response to this question serves to exclude any trace-level contaminants or naturally-occurring by-products such as tin in steel. This question shall be answered for each 3TG.

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

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

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 question should be "yes" if any smelter in the supply chain sources from the covered countries, even if those smelters are on the CFSI compliant smelter and refiner list. For more information, see CFSI's due diligence guidance on conflict minerals here: <http://www.conflictreesourcing.org/additional-training-and-resources/guidance-documents/>.

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

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

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

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

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

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

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

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

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

This question is mandatory.

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

This question is mandatory.

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

This question is mandatory.

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

This question is mandatory.

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

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

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

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

This question is mandatory.

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

- "3rd party audit" - on-site audits of your suppliers conducted by independent third parties.
- "Documentation review only" - a review of 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.

This question is mandatory.

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

This question is mandatory.

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

Note: Columns with (*) are mandatory fields

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

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, E, F, G, I, and J will auto-populate). Column A does not autopopulate.

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

3. Smelter Look-up (*) - Select from dropdown. This is the list of known smelters as of template release date. If smelter is not listed select 'Smelter Not Listed'. This will allow you to enter the name of the smelter in Column D. If you do not know the name or location of the smelter, select 'Smelter Not Yet Identified.' For this option, columns 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 is 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. Indicates whether the smelter solely obtains inputs for its smelting process(es) from recycled or scrap sources. This question is optional. Permissible responses to this question are:

- Yes
- No
- Unknown

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

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

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

The 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.

To the fullest extent permitted by applicable laws, EICC and GeSI renounce any liability for any losses, expenses or damages of any nature, including, without limitation, special, incidental, punitive, direct, indirect or consequential damages or lost income or profits, resulting from or arising out of the User's use of the List or any Tool, whether arising in tort, contract, statute, or otherwise, even if shown that they were advised of the possibility of such damages.

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

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

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

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[Return to declaration tab](#)

Revision 5.01 June 21, 2017



ITEM	DEFINITION
3TG	Tantalum, tin, tungsten, gold
Authorizer	This field identifies the person responsible for the content of the declaration. The authorizer may be a different individual from the contact person. It is not correct to use the words "same" or similar identification to provide the name of the authorizer.
CFSP Compliant Smelter List	<p>The Conflict- Free Smelter Program (CFSP) Compliant Smelter List is a published list of smelters and refiners that have undergone assessment through the CFSP, a program of the Conflict-Free Sourcing Initiative (CFSI) or industry equivalent program (such as Responsible Jewellery Council or London Bullion Market Association) and have been validated to be in compliance with the protocols. If a smelter or refiner is not on the list, it has either not completed a CFSP assessment or is not in compliance with the CFSP protocol.</p> <p>A list of smelters and refiners which have been validated to be compliant to the CFSP can be found at www.conflictreesourcing.org.</p>
Conflict-Free Smelter Program (CFSP)	The Conflict-Free Smelter Program (CFSP) is a program developed by the EICC and GeSI to enhance company capability to verify the responsible sourcing of metals. Further details of the CFSP can be found here: http://www.conflictreesourcing.org/conflict-free-smelter-program/ .
Conflict-Free Sourcing Initiative	Founded in 2008 by members of the Electronic Industry Citizenship Coalition and the Global e-Sustainability Initiative, the Conflict-Free Sourcing Initiative has grown into one of the most utilized and respected resources for companies addressing conflict minerals issues in their supply chains. Over 150 companies from seven different industries participate in the CFSI today, contributing to a range of tools and resources including the Conflict-Free Smelter Program, the Conflict Minerals Reporting Template, Reasonable Country of Origin Inquiry data and a range of guidance documents on conflict minerals sourcing. The CFSI also runs regular workshops on conflict minerals issues and contributes to policy development and debates with leading civil society organizations and governments. Additional information is available at http://www.conflictreesourcing.org .
Conflict Mineral	<p>As defined in 2010 United States legislation, Dodd-Frank Wall Street Reform and Consumer Protection Act, Section 1502(e)(4):</p> <p>CONFLICT MINERAL.—The term "conflict mineral" means—</p> <p>(A) columbite-tantalite (coltan), cassiterite, gold, wolframite, or their derivatives; or</p> <p>(B) any other mineral or its derivatives determined by the Secretary of State to be financing conflict in the Democratic Republic of the Congo or an adjoining country. (available at http://www.sec.gov/about/laws/wallstreetreform-cpa.pdf)</p>
Covered Country(ies)	Covered Country(ies) as defined by the United States Dodd-Frank Wall Street Reform and Consumer Protection Act of 2010. These countries include the Democratic Republic of the Congo and the nine countries with which it shares an internationally recognized border: Angola, Burundi, Central African Republic, Republic of the Congo, Rwanda, South Sudan, Tanzania, Uganda, Zambia.

Declaration Scope or Class	For the purposes of this template, "scope" describes the applicability of the information provided by the reporting company. The scope may encompass the entirety of a company's services and/or products, or at a company's discretion, the template may be used to report on a specific product (or products), or, be 'User defined'. The 'User defined' scope selection or class may be used to describe any subset of a company's operation or product portfolio.
Dodd-Frank	2010 United States legislation, Dodd-Frank Wall Street Reform and Consumer Protection Act, Section 1502 ("Dodd-Frank") (http://www.sec.gov/about/laws/wallstreetreform-cpa.pdf)
DRC	Democratic Republic of Congo
DRC conflict-free	Products that do not contain minerals that directly or indirectly finance or benefit armed groups in the Democratic Republic of the Congo or an adjoining country. Source: 2010 United States legislation, Dodd-Frank Wall Street Reform and Consumer Protection Act, Section 1502 (http://www.sec.gov/about/laws/wallstreetreform-cpa.pdf)
EICC	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 concentration of 99.5% or higher from gold and gold-bearing materials with lower concentrations. Refer to the CFSP audit protocol for this metal for a complete description: http://www.conflictreesourcing.org/audit-protocols-procedures/ .
Independent Third-Party Audit Firm	With respect to smelter audits, an "Independent Third-Party Audit Firm" is a private sector organization competent in evaluating the smelter or refiner's materials traceability against the standards of the CFSP or equivalent audit protocols. To maintain neutrality and impartiality, such organization and its audit team members must have no conflicts of interest with the auditee.
Intentionally added	<p>Intentionally added is commonly known as the deliberate use of a substance, or in this case metal, in the formulation of a product where continued presence is desired to provide a specific characteristic, appearance or quality.</p> <p>While the SEC does not define the phrase "intentionally added" in the final rule*, the rule's preamble states: "[W]e agree that being intentionally added, rather than being a naturally-occurring by-product, is a significant factor in determining whether a conflict mineral is "necessary to the functionality or production" of a product. This is true regardless of who intentionally added the conflict mineral to the product so long as it is contained in the product. [D]etermining whether a conflict mineral is considered "necessary" to a product should not depend on whether the conflict mineral is added directly to the product by the issuer or whether it is added to a component of the product that the issuer receives from a third party. Instead, the issuer should 'report on the totality of the product and work with suppliers to comply with the requirements.' Therefore, in determining whether a conflict mineral is "necessary" to a product, an issuer must consider any conflict mineral contained in its product, even if that conflict mineral is only in the product because it was included as part of a component of the product that was manufactured originally by a third party."</p> <p>*(56296 Federal Register / Vol. 77, No. 177 / Wednesday, September 12, 2012 / Rules and Regulations)</p>

IPC	IPC (www.IPC.org) is a global industry association based in Bannockburn, Ill., dedicated to the competitive excellence and financial success of its 3,400 member companies which represent all facets of the electronics industry, including design, printed board manufacturing, electronics assembly and test. As a member-driven organization and leading source for industry standards, training, market research and public policy advocacy, IPC supports programs to meet the needs of an estimated \$2.0 trillion global electronics industry. IPC maintains additional offices in Taos, N.M.; Washington, D.C.; Stockholm, Sweden; Moscow, Russia; Bangalore, India; Bangkok, Thailand; and Shanghai, Shenzhen, Chengdu, Suzhou and Beijing, China.
IPC-1755 Conflict Minerals Data Exchange Standard	This IPC standard establishes the requirements for exchanging conflict minerals data between suppliers and their customers. To meet the needs of a broad range of users, this standard provides flexibility in the scope of the products covered within a single declaration. This standard is not a compliance guide.
Necessary for the Functionality of a Product	The SEC does not provide a formal definition of this phrase in the final rule*, however it provides some guidance: A conflict mineral will be considered to be necessary to its functionality of a product if it meets the following: 1) is intentionally added to the product or any component of the product and is not a naturally-occurring byproduct; 2) is necessary to the product's generally expected function, use or purpose; and 3) is incorporated for the purpose of ornamentation, decoration, or embellishment, whether the primary purpose of the product is ornamentation or decoration. NOTE: The conflict mineral must be contained in the product to be applicable. *(56296 Federal Register / Vol. 77, No. 177 / Wednesday, September 12, 2012 / Rules and Regulations)
Necessary for the Production of a Product	The SEC does not provide a formal definition of this phrase in the final rule*; however, it provides some guidance: A conflict mineral will be considered to be necessary to the production of a product when: 1) it is intentionally included in the product's production process, other than if it is included in a tool, machine, or equipment used to produce the product (such as computers or power lines); 2) it is included in the product (MUST be contained in the product to be applicable); and 3) it is necessary to the product. *(56296 Federal Register / Vol. 77, No. 177 / Wednesday, September 12, 2012 / Rules and Regulations)
OECD	Organisation for Economic Co-operation and Development
Product	A company's Product or Finished good is a material or item which has completed the final stage of manufacturing and/or processing and is available for distribution or sale to customers.
Recycled or Scrap Sources	Recycled or scrap sources are recycled metals, that are reclaimed end-user or post-consumer products, or scrap processed metals created during product manufacturing. Recycled metal includes excess, obsolete, defective, and scrap metal materials that contain refined or processed metals that are appropriate to recycle in the production of tin, tantalum, tungsten and/or gold. Minerals partially processed, unprocessed or byproducts from other ores are not included in the definition of recycled metal.
SEC	U.S. Securities and Exchange Commission (www.sec.gov)
Smelter	A smelter or refiner is a company that procures and processes mineral ore, slag and/or materials from recycled or scrap sources into refined metal or metal containing intermediate products. The output can be pure (99.5% or greater) metals, powders, ingots, bars, grains, oxides or salts. The terms "smelter" and "refiner" are used interchangeably throughout various publications.

Smelter Identification Number	A unique identification number the CFSI assigns to companies that have been reported by members of the supply chain as smelters or refiners, whether or not they have been verified to meet the characteristics of smelters or refiners as defined in the CFSP audit protocols.
Tantalum (Ta) smelter	A tantalum smelter (also known as a processor) is defined as a company that converts Ta-containing ores, concentrates, slags or secondary materials into tantalum intermediate products or other tantalum containing products for direct sales or further processing into Ta-containing products, such as Ta powders, Ta components, Ta oxides, alloys, wires, sintered bars, etc. Refer to the CFSP audit protocol for this metal for a complete description at: http://www.conflictreesourcing.org/audit-protocols-procedures/.
Tin (Sn) smelter	Primary [tin] smelters are companies with one or more facilities treating tin containing ore concentrates in order to produce tin metal. Secondary [tin] smelters are companies with one or more facilities that treat secondary materials by reduction for the production of crude or higher grade tin or tin product such as solder. A smelter as referred to within this audit protocol may operate as either one or both types of business operation. Refer to the CFSP audit protocol for this metal for a complete description: http://www.conflictreesourcing.org/audit-protocols-procedures/.
Tungsten (W) smelter	A company with one or more facilities that converts W-containing ores (such as wolframite and scheelite), W concentrates, or W-bearing scrap (secondary material) into tungsten containing intermediates such as Ammonium Para-Tungstate (APT), Ammonium Meta-Tungstate (AMT), ferrotungsten, and tungsten oxides for direct sales or further processed into W-containing products (such as W powder or W-carbide powder). Refer to the CFSP audit protocol for this metal for a complete description: http://www.conflictreesourcing.org/audit-protocols-procedures/.

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Conflict Minerals Reporting Template (CMRT)

Revision 5.01
 June 21, 2017

[Link to Terms & Conditions](#)

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

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

Company Information

Company Name (*):	Real Time Focus Technology Corp.,	
Declaration Scope or Class (*):	A. Company	
Description of Scope:		
Company Unique ID:	658318431	
Company Unique ID Authority:	DUNS	
Address:	NO.33,CHING CHIEN 3 RD., KUAN YIN DISTRICT , TAO YUAN, TAIWAN 328	
Contact Name (*):	Max Lee	
Email - Contact (*):	max.lee@rtfpcb.com	
Phone - Contact (*):	886-3-4838386 #234	
Authorizer (*):	Steve Zhang	
Title - Authorizer:	Assistant Manager	
Email - Authorizer (*):	steve.zhang@rtfpcb.com	
Phone - Authorizer (*):	886-3-4838386 #231	
Effective Date (*):	2-Aug-2017	

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

1) Is any 3TG intentionally added or used in the product(s) or in the production process? (*)	Answer	Comments
Tantalum (*)		
Tin (*)	Yes	
Gold (*)	Yes	
Tungsten (*)		



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Revision 5.01
June 21, 2017

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

2) Does any 3TG remain in the product(s)? (*)

	Answer	Comments
Tantalum (*)		
Tin (*)	Yes	
Gold (*)	Yes	
Tungsten (*)		

3) Do any of the smelters in your supply chain source the 3TG from the covered countries? (SEC term, see definitions tab) (*)

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

4) Does 100 percent of the 3TG (necessary to the functionality or production of your products) originate from recycled or scrap sources? (*)

	Answer	Comments
Tantalum (*)		
Tin (*)	Yes	
Gold (*)	Yes	
Tungsten (*)		



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

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

5) What percentage of relevant suppliers have provided a response to your supply chain survey? (*)

	Answer	Comments
Tantalum (*)		
Tin (*)	100%	
Gold (*)	100%	
Tungsten (*)		

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

	Answer	Comments
Tantalum (*)		
Tin (*)	Yes	
Gold (*)	Yes	
Tungsten (*)		



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Revision 5.01
June 21, 2017

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

7) Has all applicable smelter information received by your company been reported in this declaration? (*)

	Answer	Comments
Tantalum (*)		
Tin (*)	Yes	
Gold (*)	Yes	
Tungsten (*)		

Answer the Following Questions at a Company Level

Question	Answer	Comments
A. Have you established a conflict minerals sourcing policy? (*)	Yes	We have group policy to control it, please visit our website.
B. Is your conflict minerals sourcing policy publicly available on your website? (Note – If yes, the user shall specify the URL in the comment field.) (*)	Yes	http://www.rtfpcb.com/supplier_management.html
C. Do you require your direct suppliers to be DRC conflict-free? (*)	Yes	
D. Do you require your direct suppliers to source the 3TG from smelters whose due diligence practices have been validated by an independent third party audit program? (*)	Yes	
E. Have you implemented due diligence measures for conflict-free sourcing? (*)	Yes	供應商提供之CFSI報告



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Conflict Minerals Reporting Template (CMRT)

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June 21, 2017

[Link to Terms & Conditions](#)

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

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

F. Does your company conduct Conflict Minerals survey(s) of your relevant supplier(s)? (*)	Yes, in conformance with IPC1755 (e.g., CMRT)	
G. Do you review due diligence information received from your suppliers against your company's expectations? (*)	Yes	
H. Does your review process include corrective action management? (*)	No	
I. Is your company required to file an annual conflict minerals disclosure with the SEC? (*)	No	

Required fields remaining to be completed
16



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](#)

Required Fields	Answer provided	Notes	Hyperlink to source
Company Name (*):	Real Time Focus Technology Corp.,	Complete	
Declaration Scope or Class (*):	A. Company	Complete	
Description of Scope:		Complete	
Contact Name (*):	Max Lee	Complete	
Email - Contact (*):	max.lee@rtfpcb.com	Complete	
Phone - Contact (*):	886-3-4838386 #234	Complete	
Authorizer (*):	Steve Zhang	Complete	
Email - Authorizer (*):	steve.zhang@rtfpcb.com	Complete	
Phone - Authorizer (*):	886-3-4838386 #231	Complete	
Effective Date (*):	2-Aug-2017	Complete	
1) Is any 3TG intentionally added or used in the product(s) or in the production process? (*)			
Tantalum (*)		Declare if Tantalum is intentionally added to your products on Declaration tab cell D26	Click here to answer question 1 for Tantalum
Tin (*)	Yes	Complete	
Gold (*)	Yes	Complete	
Tungsten (*)		Declare if Tungsten is intentionally added to your products on Declaration tab cell D29	Click here to answer question 1 for Tungsten
2) Does any 3TG remain in the product(s)? (*)			
Tantalum (*)		Declare if Tantalum is necessary to the production of your products and contained within the finished products declared in Declaration tab cell D32	Click here to answer question 2 for Tantalum

Tin (*)	Yes	Complete	
Gold (*)	Yes	Complete	
Tungsten (*)		Declare if Tungsten is necessary to the production of your products and contained within the finished products declared in Declaration tab cell D35	Click here to answer question 2 for Tungsten
3) Do any of the smelters in your supply chain source the 3TG from the covered countries? (SEC term, see definitions tab) (*)			
Tantalum (*)		Declare if Tantalum used within the scope of products declared within this survey response originated from the DRC or an adjoining Country on the Declaration tab cell D38	Click here to answer question 3 for Tantalum
Tin (*)	No	Complete	
Gold (*)	No	Complete	
Tungsten (*)		Declare if Tungsten used within the scope of products declared within this survey response originated from the DRC or an adjoining Country on the Declaration tab cell D41	Click here to answer question 3 for Tungsten
4) Does 100 percent of the 3TG (necessary to the functionality or production of your products) originate from recycled or scrap sources? (*)			
Tantalum (*)		Declare if Tantalum used within the scope of products declared within this survey response originated entirely from a recycled or scrap source on the Declaration tab cell D44	Click here to answer question 4 for Tantalum
Tin (*)	Yes	Complete	
Gold (*)	Yes	Complete	
Tungsten (*)		Declare if Tungsten used within the scope of products declared within this survey response originated entirely from a recycled or scrap source on the Declaration tab cell D47	Click here to answer question 4 for Tungsten
5) What percentage of relevant suppliers have provided a response to your supply chain survey? (*)			
Tantalum (*)		Provide % of completeness of supplier's smelter information on Declaration tab cell D50	Click here to answer question 5 for Tantalum
Tin (*)	1	Complete	
Gold (*)	1	Complete	
Tungsten (*)		Provide % of completeness of supplier's smelter information on Declaration tab cell D53	Click here to answer question 5 for Tungsten
6) Have you identified all of the smelters supplying the 3TG to your supply chain? (*)			
Tantalum (*)		Declare if all smelter names have been provided in this survey response under the scope of products declared on the Declaration tab cell D56	Click here to answer question 6 for Tantalum

Tin (*)	Yes	Complete	
Gold (*)	Yes	Complete	
Tungsten (*)		Declare if all smelter names have been provided in this survey response which the scope of products declared on the Declaration tab cell D59	Click here to answer question 6 for Tungsten
7) Has all applicable smelter information received by your company been reported in this declaration? (*)			
Tantalum (*)		Declare if all applicable Tantalum smelter information has been provided on Declaration tab cell D62	Click here to answer question 7 for Tantalum
Tin (*)	Yes	Complete	
Gold (*)	Yes	Complete	
Tungsten (*)		Declare if all applicable Tungsten smelter information has been provided on Declaration tab cell D65	Click here to answer question 7 for Tungsten
Question			
A. Have you established a conflict minerals sourcing policy? (*)	Yes	Complete	
B. Is your conflict minerals sourcing policy publicly available on your website? (Note - If yes, the user shall specify the URL in the comment field.) (*)	Yes	Complete	
The URL in the comment field	http://www.rtfpcb.com/supplier_management.html	Complete	
C. Do you require your direct suppliers to be DRC conflict-free? (*)	Yes	Complete	
D. Do you require your direct suppliers to source the 3TG from smelters whose due diligence practices have been validated by an independent third party audit program? (*)	Yes	Complete	
E. Have you implemented due diligence measures for conflict-free sourcing? (*)	Yes	Complete	
F. Does your company conduct Conflict Minerals survey(s) of your relevant supplier(s)? (*)	Yes, in conformance with IPC1755 (e.g., CMRT)	Complete	
G. Do you review due diligence information received from your suppliers against your company's expectations? (*)	Yes	Complete	
H. Does your review process include corrective action management? (*)	No	Complete	

I. Is your company required to file an annual conflict minerals disclosure with the SEC? (*)	No	Complete	
Product List	No products or item numbers listed	Complete	
Smelter List - Tantalum		Please answer Question 1 / Question 2 on Declaration tab	Click here to provide smelter information
Smelter List - Tin		Complete	
Smelter List - Gold		Complete	
Smelter List - Tungsten		Please answer Question 1 / Question 2 on Declaration tab	Click here to provide smelter information
All rows with "Smelter not listed" selected, have a name and country listed		N/A	

The following list represents the CFSI's latest smelter name/alias information as of this template's release. This list is updated frequently, and the most up-to-date version can be found on the CFSI website <http://www.conflictreesourcing.org/conflict-free-smelter-program/exports/cmr-export/>. The presence of a smelter here is NOT a guarantee that it is currently Active or Compliant within the Conflict-Free Smelter Program.

Please refer to the CFSI web site www.conflictreesourcing.org for the most current and accurate list of standard smelter names that are Active or Compliant.

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

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

Metal	Smelter Look-up (*)	Standard Smelter Names	Smelter Facility Location: Country	Smelter ID	Source of Smelter Identification n Number	Smelter Street	Smelter City	Smelter Facility Location: State / Province
Gold	Abington Reldan Metals, LLC	Abington Reldan Metals, LLC	UNITED STATES OF AMERIC	CID002708	CFSI		Fairless Hills	Pennsylvania
Gold	Accurate Refining Group	So Accurate Group, Inc.	UNITED STATES OF AMERIC	CID001754	CFSI		Long Island City	New York
Gold	Advanced Chemical Company	Advanced Chemical Company	UNITED STATES OF AMERIC	CID000015	CFSI		Warwick	Rhode Island
Gold	AGR (Perth Mint Australia)	Western Australian Mint (T/a The Perth Mint)	AUSTRALIA	CID002030	CFSI		Newburn	Western Australia
Gold	AGR Mathey	Western Australian Mint (T/a The Perth Mint)	AUSTRALIA	CID002030	CFSI		Newburn	Western Australia
Gold	Aida Chemical Industries Co., Ltd.	Aida Chemical Industries Co., Ltd.	JAPAN	CID000019	CFSI		Fuchu	Tokyo
Gold	Al Etihad Gold LLC	Al Etihad Gold LLC	UNITED ARAB EMIRATES	CID002560	CFSI		Dubai	Dubavv
Gold	Al Etihad Gold Refinery DMCC	Al Etihad Gold LLC	UNITED ARAB EMIRATES	CID002560	CFSI		Dubai	Dubavv
Gold	Allgemeine Gold-und Silberscheideanstalt A.G.	Allgemeine Gold-und Silberscheideanstalt A.G.	GERMANY	CID000035	CFSI		Pforzheim	Baden-Württemberg
Gold	Almalvk Mining and Metallurgical Complex (AMMC)	Almalvk Mining and Metallurgical Complex (AMMC)	UZBEKISTAN	CID000041	CFSI		Almalvk	Toshkent
Gold	Amagasaki Factory, Hyogo Prefecture, Japan	Asahi Pretec Corp.	JAPAN	CID000052	CFSI		Kobe	Hyogo
Gold	AngloGold Ashanti Brazil	AngloGold Ashanti Correo do Sitio Mineracao	BRAZIL	CID000058	CFSI		Nova Lima	Minas Gerais
Gold	AngloGold Ashanti Correo do Sitio Mineracao	AngloGold Ashanti Correo do Sitio Mineracao	BRAZIL	CID000058	CFSI		Nova Lima	Minas Gerais
Gold	AngloGold Ashanti Correo do Sitio Mineracao	AngloGold Ashanti Correo do Sitio Mineracao	BRAZIL	CID000058	CFSI		Nova Lima	Minas Gerais
Gold	Anhui Tongling Nonferrous Metal Mining Co., Ltd.	Tongling Nonferrous Metals Group Co., Ltd.	CHINA	CID001947	CFSI		Tongling	Anhui
Gold	ANZ (Perth Mint 4N)	Western Australian Mint (T/a The Perth Mint)	AUSTRALIA	CID002030	CFSI		Newburn	Western Australia
Gold	Arqor-Heraeus S.A.	Arqor-Heraeus S.A.	SWITZERLAND	CID000077	CFSI		Mendrisio	Ticino
Gold	Asahi Pretec Corp.	Asahi Pretec Corp.	JAPAN	CID000082	CFSI		Kobe	Hyogo
Gold	Asahi Refining Canada Ltd.	Asahi Refining Canada Ltd.	CANADA	CID000924	CFSI		Brampton	Ontario
Gold	Asahi Refining USA Inc.	Asahi Refining USA Inc.	UNITED STATES OF AMERIC	CID000920	CFSI		Salt Lake City	Utah
Gold	Asaka Riken Co., Ltd.	Asaka Riken Co., Ltd.	JAPAN	CID000090	CFSI		Tamura	Fukushima
Gold	ATAKOLU	Atasay Kuyumculuk Sanayi Ve Ticaret A.S.	TURKEY	CID000180	CFSI		Istanbul	Istanbul
Gold	Atasay Kuyumculuk Sanayi Ve Ticaret A.S.	Atasay Kuyumculuk Sanayi Ve Ticaret A.S.	TURKEY	CID000103	CFSI		Istanbul	Istanbul
Gold	AU Traders and Refiners	AU Traders and Refiners	SOUTH AFRICA	CID002850	CFSI		Johannesburg	Gauteng
Gold	Aurubis AG	Aurubis AG	GERMANY	CID000113	CFSI		Hamburg	Hamburg
Gold	BALORE REFINERSGA	Bangalore Refinery	INDIA	CID002863	CFSI		Bangalore	Karnataka
Gold	Bangalore Refinery	Bangalore Refinery	INDIA	CID002863	CFSI		Bangalore	Karnataka
Gold	Bangalore Refinery Pvt Ltd	Bangalore Refinery	INDIA	CID002863	CFSI		Bangalore	Karnataka
Gold	Banqo Sentral na Pilipinas (Central Bank of the Phil)	Banqo Sentral na Pilipinas (Central Bank of the Phil)	PHILIPPINES	CID000128	CFSI		Quezon City	Rizal
Gold	Boliden AB	Boliden AB	SWEDEN	CID000157	CFSI		Skelleftehamn	Västerbottens län [SE-24]
Gold	C. Hafner GmbH + Co. KG	C. Hafner GmbH + Co. KG	GERMANY	CID000176	CFSI		Pforzheim	Baden-Württemberg
Gold	Caridad	Caridad	MEXICO	CID000180	CFSI		Nacoziari	Sonora
Gold	CCR Refinery - Glencore Canada Corporation	CCR Refinery - Glencore Canada Corporation	CANADA	CID000185	CFSI		Montréal	Quebec
Gold	CCR Refinery - Glencore Canada Corporation	CCR Refinery - Glencore Canada Corporation	CANADA	CID000185	CFSI		Montréal	Quebec
Gold	Cendres + M?taux SA	Cendres + Metaux S.A.	SWITZERLAND	CID000189	CFSI		Biel-Bienne	Bern
Gold	Cendres + Metaux S.A.	Cendres + Metaux S.A.	SWITZERLAND	CID000189	CFSI		Biel-Bienne	Bern
Gold	Cendres + Métaux S.A.	Cendres + Metaux S.A.	SWITZERLAND	CID000189	CFSI		Biel-Bienne	Bern
Gold	Central Bank of the Philippines Gold Refinery & Mint	Banqo Sentral na Pilipinas (Central Bank of the Phil)	PHILIPPINES	CID000128	CFSI		Quezon City	Rizal
Gold	CHALCO Yunnan Copper Co. Ltd.	Yunnan Copper Industry Co., Ltd.	CHINA	CID000197	CFSI		Kunming	Yunnan
Gold	Chimet S.p.A.	Chimet S.p.A.	ITALY	CID000233	CFSI		Arezzo	Toscana
Gold	China Henan Zhongyuan Gold Smelter	Zhongyuan Gold Smelter of Zhongyuan Gold Corpor	CHINA	CID002224	CFSI		Sanmenxia	Henan
Gold	China's Shandona Gold Mining Co., Ltd	The Refinery of Shandona Gold Mining Co., Ltd.	CHINA	CID001916	CFSI		Laizhou	Shandong
Gold	Chugai Mining	Chugai Mining	JAPAN	CID000264	CFSI		Chiyoda	Tokyo
Gold	Daeiin Indus Co., Ltd.	Daeiin Indus Co., Ltd.	KOREA, REPUBLIC OF	CID000328	CFSI		Namdong-qu	Incheon-awanayeoksi [Incheon]
Gold	Daeiin Industry	Daeiin Indus Co., Ltd.	KOREA, REPUBLIC OF	CID000328	CFSI		Namdong-qu	Incheon-awanayeoksi [Incheon]
Gold	Dave Non-Ferrous Metals Mining Ltd.	Dave Non-Ferrous Metals Mining Ltd.	CHINA	CID000343	CFSI		Huanashi	Hubei
Gold	DEGUSSA	Dequssa Sonne / Mond Goldhandel GmbH	GERMANY	CID002867	CFSI		Pforzheim	Baden-Württemberg
Gold	Degussa Sonne / Mond Goldhandel GmbH	Degussa Sonne / Mond Goldhandel GmbH	GERMANY	CID002867	CFSI		Pforzheim	Baden-Württemberg
Gold	Do Suna Corporation	DSC (Do Suna Corporation)	KOREA, REPUBLIC OF	CID000359	CFSI		Gimpo	Gyeonggi-do [Gyeonggi]
Gold	Doduco	DODUCO GmbH	GERMANY	CID000362	CFSI		Pforzheim	Baden-Württemberg
Gold	DODUCO GmbH	DODUCO GmbH	GERMANY	CID000362	CFSI		Pforzheim	Baden-Württemberg
Gold	Dosunq metal	DSC (Do Suna Corporation)	KOREA, REPUBLIC OF	CID000359	CFSI		Gimpo	Gyeonggi-do [Gyeonggi]
Gold	Dowa	Dowa	JAPAN	CID000401	CFSI		Gimpo	Akita
Gold	Dowa Kogyo k.k.	Dowa	JAPAN	CID000401	CFSI		Kosaka	Akita
Gold	Dowa Metalmine Co. Ltd	Dowa	JAPAN	CID000401	CFSI		Kosaka	Akita
Gold	Dowa Metals & Mining Co. Ltd	Dowa	JAPAN	CID000401	CFSI		Kosaka	Akita
Gold	DSC (Do Suna Corporation)	DSC (Do Suna Corporation)	KOREA, REPUBLIC OF	CID000359	CFSI		Gimpo	Gyeonggi-do [Gyeonggi]
Gold	Eco-System Recycling Co., Ltd.	Eco-System Recycling Co., Ltd.	JAPAN	CID000425	CFSI		Honjo	Saitama
Gold	Element Refining, LLC	Element Refining, LLC	UNITED STATES OF AMERIC	CID001322	CFSI		Jackson	Ohio
Gold	Emirates Gold DMCC	Emirates Gold DMCC	UNITED ARAB EMIRATES	CID002561	CFSI		Dubai	Dubavv
Gold	Federal State Unitary Enterprise Moscow Special Proc	Moscow Special Alloys Processing Plant	RUSSIAN FEDERATION	CID001204	CFSI		Obrucheva	Moskovskaja oblast'
Gold	Fidelity Printers and Refiners Ltd.	Fidelity Printers and Refiners Ltd.	ZIMBABWE	CID002515	CFSI		Msasa	Harare
Gold	FSE Novosibirsk Refinery	OJSC Novosibirsk Refinery	RUSSIAN FEDERATION	CID000493	CFSI		Novosibirsk	Novosibirskaya oblast'
Gold	Fujian Zijin mining stock company gold smelter	Gold Refinery of Zijin Mining Group Co., Ltd.	CHINA	CID002243	CFSI		Shanzhanq	Fujian
Gold	Gansu Seemine Material Hi-Tech Co., Ltd.	Gansu Seemine Material Hi-Tech Co., Ltd.	CHINA	CID000522	CFSI		Lanzhou	Gansu
Gold	GCC Guirat Gold Centre Pvt. Ltd.	GCC Guirat Gold Centre Pvt. Ltd.	INDIA	CID002852	CFSI		Ahmedabad	Gujarat
Gold	Geib Refining Corporation	Geib Refining Corporation	UNITED STATES OF AMERIC	CID002459	CFSI		Warwick	Rhode Island
Gold	Gold Mining in Shandona (Laizhou) Limited Company	The Refinery of Shandona Gold Mining Co., Ltd.	CHINA	CID001916	CFSI		Laizhou	Shandong
Gold	Gold Refinery of Zijin Mining Group Co., Ltd.	Gold Refinery of Zijin Mining Group Co., Ltd.	CHINA	CID002243	CFSI		Shanzhanq	Fujian

Gold	Great Wall Precious Metals Co., LTD.	Great Wall Precious Metals Co., Ltd. of CBPM	CHINA	CID001909	CFSI	Chenadu	Sichuan
Gold	Great Wall Precious Metals Co., Ltd. of CBPM	Great Wall Precious Metals Co., Ltd. of CBPM	CHINA	CID001909	CFSI	Chenadu	Sichuan
Gold	Guanqdong Gaoyao Co	Guanqdong Jinding Gold Limited	CHINA	CID002312	CFSI	Guangzhou	Guangdong
Gold	Guangdong Jinding Gold Limited	Guangdong Jinding Gold Limited	CHINA	CID002312	CFSI	Guangzhou	Guangdong
Gold	Guarat Gold Centre	GCC Guirat Gold Centre Pvt. Ltd.	INDIA	CID002852	CFSI	Ahmedabad	Guarat
Gold	Guoda Safina High-Tech Environmental Refinery Co.,	Guoda Safina High-Tech Environmental Refinery	CHINA	CID000651	CFSI	Zhaoyuan	Shandong
Gold	Hangzhou Fuchunjiang Smelting Co., Ltd.	Hangzhou Fuchunjiang Smelting Co., Ltd.	CHINA	CID000671	CFSI	Fuyang	Zhejiang
Gold	Hesung Metal Ltd.	Hesung Metal Ltd.	KOREA, REPUBLIC OF	CID000689	CFSI	Seo-gu	Incheon-gwanqyeoksi [Incheon]
Gold	Heimerle + Meule GmbH	Heimerle + Meule GmbH	GERMANY	CID000694	CFSI	Pforzheim	Baden-Württemberg
Gold	Henan Zhongyuan Gold Refinery Co., Ltd.	Zhongyuan Gold Smelter of Zhongyuan Gold Corp	CHINA	CID002224	CFSI	Sanmenxia	Henan
Gold	Henan Zhongyuan Gold Smelter of Zhongyuan Gold Co.	Zhongyuan Gold Smelter of Zhongyuan Gold Corp	CHINA	CID002224	CFSI	Sanmenxia	Henan
Gold	Henan Zhongyuan Gold Smelter of Zhongyuan Gold Co	Zhongyuan Gold Smelter of Zhongyuan Gold Corp	CHINA	CID002224	CFSI	Sanmenxia	Henan
Gold	Heraeus Ltd. Hong Kong	Heraeus Metals Hong Kong Ltd.	CHINA	CID000707	CFSI	Fanling	Hong Kong
Gold	Heraeus Metals Hong Kong Ltd.	Heraeus Metals Hong Kong Ltd.	CHINA	CID000707	CFSI	Fanling	Hong Kong
Gold	Heraeus Precious Metals GmbH & Co. KG	Heraeus Precious Metals GmbH & Co. KG	GERMANY	CID000711	CFSI	Hanau	Hessen
Gold	Hunan Chenzhou Mining Co., Ltd.	Hunan Chenzhou Mining Co., Ltd.	CHINA	CID000767	CFSI	Yuanling	Hunan
Gold	Hunan Chenzhou Mining Group Co., Ltd.	Hunan Chenzhou Mining Co., Ltd.	CHINA	CID000767	CFSI	Yuanling	Hunan
Gold	Hunan Chenzhou Mining Industry Co. Ltd.	Hunan Chenzhou Mining Industry Co., Ltd.	CHINA	CID000767	CFSI	Yuanling	Hunan
Gold	HwaSeong CJ Co., LTD.	HwaSeong CJ Co., LTD.	KOREA, REPUBLIC OF	CID000778	CFSI	Danwon	Gyeonggi-do [Gyeonggi]
Gold	Inner Mongolia Oiankun Gold and Silver Refinery Sha	Inner Mongolia Oiankun Gold and Silver Refinery	CHINA	CID000801	CFSI	Hohhot	Nei Mongol
Gold	Ishifuku Metal Industry Co., Ltd.	Ishifuku Metal Industry Co., Ltd.	JAPAN	CID000807	CFSI	Soka	Saitama
Gold	Istanbul Gold Refinery	Istanbul Gold Refinery	TURKEY	CID000814	CFSI	Kuyumcukent	Istanbul
Gold	Italpreziosi	Italpreziosi	ITALY	CID002765	CFSI	Verona	Veneto
Gold	Japan Mint	Japan Mint	JAPAN	CID000823	CFSI	Osaka	Osaka
Gold	JCC	Jianqxi Copper Co., Ltd.	CHINA	CID000855	CFSI	Guixi City	Jianqxi
Gold	Jiangxi Copper Co., Ltd.	Jianqxi Copper Co., Ltd.	CHINA	CID000855	CFSI	Guixi City	Jianqxi
Gold	Johnson Matthey Canada	Asahi Refining Canada Ltd.	CANADA	CID000924	CFSI	Brampton	Ontario
Gold	Johnson Matthey Inc.	Asahi Refining USA Inc.	UNITED STATES OF AMERIC	CID000920	CFSI	Salt Lake City	Utah
Gold	Johnson Matthey Inc. (USA)	Asahi Refining USA Inc.	UNITED STATES OF AMERIC	CID000920	CFSI	Salt Lake City	Utah
Gold	Johnson Matthey Limited	Asahi Refining Canada Ltd.	CANADA	CID000924	CFSI	Brampton	Ontario
Gold	JSC Ekaterinburg Non-Ferrous Metal Processing Plant	JSC Ekaterinburg Non-Ferrous Metal Processing P	RUSSIAN FEDERATION	CID000927	CFSI	Verkhnyaya Pyshma	Sverdlovskaya oblast'
Gold	JSC Uralelectromed	JSC Uralelectromed	RUSSIAN FEDERATION	CID000929	CFSI	Verkhnyaya Pyshma	Sverdlovskaya oblast'
Gold	JX Nippon Mining & Metals Co., Ltd.	JX Nippon Mining & Metals Co., Ltd.	JAPAN	CID000937	CFSI	Oita	Oita
Gold	Kaloti Precious Metals	Kaloti Precious Metals	UNITED ARAB EMIRATES	CID002563	CFSI	Dubai	Dubayv
Gold	Kazakhmys Smelting LLC	Kazakhmys Smelting LLC	KAZAKHSTAN	CID000956	CFSI	Balkhash	Qaraqandy oblysy
Gold	Kazinc	Kazinc	KAZAKHSTAN	CID000957	CFSI	Ust-Kamenoqorsk	Ust-Kamenoqorsk
Gold	Kennecott Utah Copper LLC	Kennecott Utah Copper LLC	UNITED STATES OF AMERIC	CID000969	CFSI	Maqna	Utah
Gold	KGHM Polska Miedz Spolka Akcyina	KGHM Polska Miedz Spolka Akcyina	POLAND	CID002511	CFSI	Lubin	Dolnoślaskie
Gold	KGHM Polska Miedz S.A.	KGHM Polska Miedz Spolka Akcyina	POLAND	CID002511	CFSI	Lubin	Dolnoślaskie
Gold	KGHM Polska Miedz Spółka Akcyina	KGHM Polska Miedz Spolka Akcyina	POLAND	CID002511	CFSI	Lubin	Dolnoślaskie
Gold	Koizima Chemicals Co., Ltd.	Koizima Chemicals Co., Ltd.	JAPAN	CID000981	CFSI	Savarna	Saitama
Gold	Koizima Kagaku Yakuin Co., Ltd	Koizima Chemicals Co., Ltd.	JAPAN	CID000981	CFSI	Koizima	Saitama
Gold	Kombinat Gornicz Hutniczy Miedz Polska Miedz S.A.	KGHM Polska Miedz Spolka Akcyina	POLAND	CID002511	CFSI	Lubin	Dolnoślaskie
Gold	Korea Zinc Co., Ltd.	Korea Zinc Co., Ltd.	KOREA, REPUBLIC OF	CID002605	CFSI	Ganqnam	Seoul-teukbyeolsi [Seoul]
Gold	Kvrvzaltyn JSC	Kvrvzaltyn JSC	KYRGYZSTAN	CID001029	CFSI	Bishkek	Chü
Gold	Kyshtym Copper-Electrolytic Plant ZAO	Kyshtym Copper-Electrolytic Plant ZAO	RUSSIAN FEDERATION	CID002865	CFSI	Kyshtym	Chelyabinskaya oblast'
Gold	La Caridad	Caridad	MEXICO	CID000180	CFSI	Nacoziari	Sonora
Gold	LAIZHOU SHANDONG	The Refinery of Shandong Gold Mining Co., Ltd.	CHINA	CID001916	CFSI	Laizhou	Shandong
Gold	L'azurde Company For Jewelry	L'azurde Company For Jewelry	SAUDI ARABIA	CID001032	CFSI	Rivadh	Ar Rivadh
Gold	LinBao Gold Mining	Linbao Gold Co., Ltd.	CHINA	CID001056	CFSI	Linbao	Henan
Gold	Linbao Gold Co., Ltd.	Linbao Gold Co., Ltd.	CHINA	CID001056	CFSI	Linbao	Henan
Gold	Linbao Jinyuan Tonahui Refinery Co., Ltd.	Linbao Jinyuan Tonahui Refinery Co., Ltd.	CHINA	CID001058	CFSI	Linbao	Henan
Gold	L'Orfebre S.A.	L'Orfebre S.A.	ANDORRA	CID002522	CFSI	Andorra la Vella	Andorra la Vella
Gold	LS-NIKKO Copper Inc.	LS-NIKKO Copper Inc.	KOREA, REPUBLIC OF	CID001078	CFSI	Onsan-eup	Ulsan-qwanqyeoksi [Ulsan]
Gold	Luovang Ziiin Yinhui Gold Refinery Co., Ltd.	Luovang Ziiin Yinhui Gold Refinery Co., Ltd.	CHINA	CID001093	CFSI	Luovang	Henan
Gold	Luovang Ziiin Yinhui Gold Smelting	Luovang Ziiin Yinhui Gold Refinery Co., Ltd.	CHINA	CID001093	CFSI	Luovang	Henan
Gold	Luovang Ziiin Yinhui Metal Smelt Co Ltd	Luovang Ziiin Yinhui Gold Refinery Co., Ltd.	CHINA	CID001093	CFSI	Luovang	Henan
Gold	Marsam Metals	Marsam Metals	BRAZIL	CID002606	CFSI	Sao Paulo	São Paulo
Gold	Materion	Materion	UNITED STATES OF AMERIC	CID001113	CFSI	Buffalo	New York
Gold	Matsuda Sanqvo Co., Ltd.	Matsuda Sanqvo Co., Ltd.	JAPAN	CID001119	CFSI	Iruma	Saitama
Gold	MEM(Sumitomo Group)	Sumitomo Metal Mining Co., Ltd.	JAPAN	CID001798	CFSI	Saito	Ehime
Gold	Metal?raica Met-Mex Pe?oles, S.A. de C.V	Metalurqica Met-Mex Penoles S.A. De C.V.	MEXICO	CID001161	CFSI	Torreon	Coahuila
Gold	Metalurgie Hoboken Overpelt	Umicore S.A. Business Unit Precious Metals Refin	BELGIUM	CID001980	CFSI	Hoboken	Antwerpen
Gold	Metalor Switzerland	Metalor Technologies S.A.	SWITZERLAND	CID001153	CFSI	Marin	Neuchâtel
Gold	Metalor Technologies (Hong Kong) Ltd.	Metalor Technologies (Hong Kong) Ltd.	CHINA	CID001149	CFSI	Kwai Chung	Hong Kong
Gold	Metalor Technologies (Singapore) Pte., Ltd.	Metalor Technologies (Singapore) Pte., Ltd.	SINGAPORE	CID001152	CFSI	Tuas	South West
Gold	Metalor Technologies (Suzhou) Ltd.	Metalor Technologies (Suzhou) Ltd.	CHINA	CID001147	CFSI	Suzhou	Jiangsu
Gold	Metalor Technologies S.A.	Metalor Technologies S.A.	SWITZERLAND	CID001153	CFSI	Marin	Neuchâtel
Gold	Metalor USA Refining Corporation	Metalor USA Refining Corporation	UNITED STATES OF AMERIC	CID001157	CFSI	North Attleboro	Massachusetts
Gold	Metalurqica Met-Mex Penoles S.A. De C.V.	Metalurqica Met-Mex Penoles S.A. De C.V.	MEXICO	CID001161	CFSI	Torreon	Coahuila
Gold	Metalurqica Met-Mex Peñoles S.A. De C.V.	Metalurqica Met-Mex Penoles S.A. De C.V.	MEXICO	CID001161	CFSI	Torreon	Coahuila
Gold	Met-Mex Pe?oles, S.A.	Metalurqica Met-Mex Penoles S.A. De C.V.	MEXICO	CID001161	CFSI	Torreon	Coahuila
Gold	Met-Mex Penoles, S.A.	Metalurqica Met-Mex Penoles S.A. De C.V.	MEXICO	CID001161	CFSI	Torreon	Coahuila
Gold	Mitsubishi Materials Corporation	Mitsubishi Materials Corporation	JAPAN	CID001188	CFSI	Naoshima	Katatawa
Gold	Mitsui Kinzoku Co., Ltd.	Mitsui Mining and Smelting Co., Ltd.	JAPAN	CID001193	CFSI	Takehara	Hiroshima
Gold	Mitsui Mining and Smelting Co., Ltd.	Mitsui Mining and Smelting Co., Ltd.	JAPAN	CID001193	CFSI	Takehara	Hiroshima
Gold	MMTC-PAMP India Pvt., Ltd.	MMTC-PAMP India Pvt., Ltd.	INDIA	CID002509	CFSI	Mewat	Haryana
Gold	Modeltech Sdn Bhd	Modeltech Sdn Bhd	MALAYSIA	CID002857	CFSI	Kawasan Perindustrian Bukit	Melaka
Gold	Morris and Watson	Morris and Watson	NEW ZEALAND	CID002282	CFSI	Onehunga	Auckland
Gold	Morris and Watson Gold Coast	Morris and Watson Gold Coast	AUSTRALIA	CID002866	CFSI	Gold Coast	Queensland
Gold	Moscow Special Alloys Processing Plant	Moscow Special Alloys Processing Plant	RUSSIAN FEDERATION	CID001204	CFSI	Obrucheva	Moskovskaia oblast'
Gold	Nadir Metal Rafineri San. Ve Tic. A.S.	Nadir Metal Rafineri San. Ve Tic. A.S.	TURKEY	CID001120	CFSI	Bahcelievler	Istanbul
Gold	Nadir Metal Rafineri San. Ve Tic. A.S.	Nadir Metal Rafineri San. Ve Tic. A.S.	TURKEY	CID001220	CFSI	Bahcelievler	Istanbul
Gold	Navoi Mining and Metallurgical Combinat	Navoi Mining and Metallurgical Combinat	UZBEKISTAN	CID001236	CFSI	Navoi	Navoi
Gold	Nihon Material Co., Ltd.	Nihon Material Co., Ltd.	JAPAN	CID001259	CFSI	Chiba	Chiba
Gold	Niihama Toyo Smelter & Refinery	Sumitomo Metal Mining Co., Ltd.	JAPAN	CID001798	CFSI	Saito	Ehime
Gold	Norddeutsche Affinerie AG	Aurubis AG	GERMANY	CID000113	CFSI	Hamburg	Hamburg
Gold	Oaussa Osterreichische Gold- und Silber-Scheideanst	Oaussa Osterreichische Gold- und Silber-Scheide	AUSTRIA	CID002779	CFSI	Vienna	Wien
Gold	Oaussa Osterreichische Gold- und Silber-Scheideanst	Oaussa Osterreichische Gold- und Silber-Scheide	AUSTRIA	CID002779	CFSI	Vienna	Wien

Gold	Ohio Precious Metals, LLC	Elemental Refining, LLC	UNITED STATES OF AMERIC	CID001322	CFSI	Jackson	Ohio
Gold	Ohura Precious Metal Industry Co., Ltd.	Ohura Precious Metal Industry Co., Ltd.	JAPAN	CID001325	CFSI	Nara-shi	Nara
Gold	OJSC "The Gulidov Krasnovarsk Non-Ferrous Metals Refinery"	OJSC "The Gulidov Krasnovarsk Non-Ferrous Metals Refinery"	RUSSIAN FEDERATION	CID001326	CFSI	Krasnovarsk	Krasnovarskiy kray
Gold	OJSC Krastsvetmet	OJSC "The Gulidov Krasnovarsk Non-Ferrous Metals Refinery"	RUSSIAN FEDERATION	CID001326	CFSI	Krasnovarsk	Krasnovarskiy kray
Gold	OJSC Novosibirsk Refinery	OJSC Novosibirsk Refinery	RUSSIAN FEDERATION	CID000493	CFSI	Novosibirsk	Novosibirskaya oblast'
Gold	OPM	Elemental Refining, LLC	UNITED STATES OF AMERIC	CID001322	CFSI	Jackson	Ohio
Gold	PAMP S.A.	PAMP S.A.	SWITZERLAND	CID001352	CFSI	Castel San Pietro	Ticino
Gold	Pan Pacific Copper Co Ltd.	JX Nippon Mining & Metals Co., Ltd.	JAPAN	CID000937	CFSI	Oita	Oita
Gold	Pease & Curren	Pease & Curren	UNITED STATES OF AMERIC	CID002872	CFSI	Warwick	Rhode Island
Gold	Penqilai Penqaqanq Gold Industry Co., Ltd.	Penqilai Penqaqanq Gold Industry Co., Ltd.	CHINA	CID001362	CFSI	Penqlai	Shandong
Gold	Perth Mint	Western Australian Mint (T/a The Perth Mint)	AUSTRALIA	CID002030	CFSI	Newburn	Western Australia
Gold	Perth Mint (ANZ)	Western Australian Mint (T/a The Perth Mint)	AUSTRALIA	CID002030	CFSI	Newburn	Western Australia
Gold	Planta Recuperadora de Metales Spa	Planta Recuperadora de Metales Spa	CHILE	CID002919	CFSI	Mejillones	Antofagasta
Gold	Prioksky Plant of Non-Ferrous Metals	Prioksky Plant of Non-Ferrous Metals	RUSSIAN FEDERATION	CID001386	CFSI	Kasimov	Ryazanskaya oblast'
Gold	Produits Artistiques de Métaux	PAMP S.A.	SWITZERLAND	CID001352	CFSI	Castel San Pietro	Ticino
Gold	PT Aneka Tambanq (Persero) Tbk	PT Aneka Tambanq (Persero) Tbk	INDONESIA	CID001397	CFSI	Jakarta	Jakarta Raya
Gold	PX Precinox S.A.	PX Precinox S.A.	SWITZERLAND	CID001498	CFSI	La Chaux-de-Fonds	Neuchâtel
Gold	Rand Refinery (Pty) Ltd.	Rand Refinery (Pty) Ltd.	SOUTH AFRICA	CID001512	CFSI	Germiston	Gauteng
Gold	Refinery LS-Nikko Copper Inc.	LS-NIKKO Copper Inc.	KOREA, REPUBLIC OF	CID001078	CFSI	Onsan-eup	Ulsan-gwanqveoksi [Ulsan]
Gold	Remondis Argentia B.V.	Remondis Argentia B.V.	NETHERLANDS	CID002582	CFSI	Moerdijk	Noord-Brabant
Gold	Republic Metals Corporation	Republic Metals Corporation	UNITED STATES OF AMERIC	CID002510	CFSI	Miami	Florida
Gold	Royal Canadian Mint	Royal Canadian Mint	CANADA	CID001534	CFSI	Ottawa	Ontario
Gold	SAAMP	SAAMP	FRANCE	CID002761	CFSI	Paris	Ile-de-France
Gold	Sabin Metal Corp.	Sabin Metal Corp.	UNITED STATES OF AMERIC	CID001546	CFSI	Williston	North Dakota
Gold	Safimet S.p.A	Safimet S.p.A	ITALY	CID002973	CFSI	San Zeno	Arezzo
Gold	SAFINA A.S.	SAFINA A.S.	CZECH REPUBLIC	CID002290	CFSI	Vestec	Harare
Gold	Saanoseki Smelter & Refinery	JX Nippon Mining & Metals Co., Ltd.	JAPAN	CID000937	CFSI	Oita	Oita
Gold	Sai Refinery	Sai Refinery	INDONESIA	CID002853	CFSI	Parwanou	Himachal Pradesh
Gold	Samdok Metal	Samduck Precious Metals	KOREA, REPUBLIC OF	CID001555	CFSI	Namdong	Incheon Gwanq'yeoqsi
Gold	Samduck Precious Metals	Samduck Precious Metals	KOREA, REPUBLIC OF	CID001555	CFSI	Namdong	Incheon Gwanq'yeoqsi
Gold	Samwon Metals Corp.	Samwon Metals Corp.	KOREA, REPUBLIC OF	CID001562	CFSI	Changwon	Gyeonsanqnamdo
Gold	SAXONIA Edelmetalle GmbH	SAXONIA Edelmetalle GmbH	GERMANY	CID002777	CFSI	Halsbrücke	Sachsen
Gold	Schone Edelmetaal B.V.	Schone Edelmetaal B.V.	NETHERLANDS	CID001573	CFSI	Amsterdam	Noord-Holland
Gold	SD (Samdok) Metal	Samduck Precious Metals	KOREA, REPUBLIC OF	CID001555	CFSI	Namdong	Incheon Gwanq'yeoqsi
Gold	SEMPSA Joveria Plateria S.A.	SEMPSA Joveria Plateria S.A.	SPAIN	CID001585	CFSI	Madrid	Madrid, Comunidad de
Gold	SEMPSA Joveria Plateria S.A.	SEMPSA Joveria Plateria S.A.	SPAIN	CID001585	CFSI	Madrid	Madrid, Comunidad de
Gold	Sempsa JP (Cookson Sempsa)	SEMPSA Joveria Plateria S.A.	SPAIN	CID001585	CFSI	Madrid	Madrid, Comunidad de
Gold	Shandong Gold Mine(Laizhou)	The Refinery of Shandong Gold Mining Co., Ltd.	CHINA	CID001916	CFSI	Laizhou	Shandong
Gold	Shandong Guoda Gold Co., Ltd.	Guoda Safina High-Tech Environmental Refinery	CHINA	CID001611	CFSI	Zhaoyuan	Shandong
Gold	Shandong Tarzan Bio-Gold Industry Co., Ltd.	Shandong Tianchenq Biological Gold Industrial Co	CHINA	CID001619	CFSI	Laizhou	Shandong
Gold	Shandong Tianchenq Biological Gold Industrial Co., L	Shandong Tianchenq Biological Gold Industrial Co	CHINA	CID001619	CFSI	Laizhou	Shandong
Gold	Shandong Zhaoin Gold & Silver Refinery Co., Ltd.	Shandong Zhaoin Gold & Silver Refinery Co., Ltd	CHINA	CID001622	CFSI	Zhaoyuan	Shandong
Gold	Shandongq Gold (Laizhou)	The Refinery of Shandong Gold Mining Co., Ltd.	CHINA	CID001916	CFSI	Laizhou	Shandong
Gold	Shonan Plant Tanaka Kikinzoku	Tanaka Kikinzoku Koqyo K.K.	JAPAN	CID001875	CFSI	Hiratsuka	Kanaqawa
Gold	Sichuan Tianze Precious Metals Co., Ltd.	Sichuan Tianze Precious Metals Co., Ltd.	CHINA	CID001736	CFSI	Chengdu	Sichuan
Gold	Singapore Tanaka	Tanaka Kikinzoku Koqyo K.K.	JAPAN	CID001875	CFSI	Hiratsuka	Kanaqawa
Gold	Singway Technology Co., Ltd.	Singway Technology Co., Ltd.	TAIWAN, PROVINCE OF CHI	CID002516	CFSI	Dayuán	Taoyuan
Gold	SMM	Sumitomo Metal Mining Co., Ltd.	JAPAN	CID001798	CFSI	Saio	Ehime
Gold	So Accurate Group, Inc.	So Accurate Group, Inc.	UNITED STATES OF AMERIC	CID001754	CFSI	Lona Island City	New York
Gold	SOE Shyolkovsky Factory of Secondary Precious Metals	SOE Shyolkovsky Factory of Secondary Precious Metals	RUSSIAN FEDERATION	CID001756	CFSI	Shyolkovo	Moskovskaja oblast'
Gold	Solar Applied Materials Technology Corp.	Solar Applied Materials Technology Corp.	TAIWAN, PROVINCE OF CHI	CID001761	CFSI	Tainan City	Taiwan
Gold	SOLAR CHEMICALAPPLIED MATERIALS TECHNOLOGY	Solar Applied Materials Technology Corp.	TAIWAN, PROVINCE OF CHI	CID001761	CFSI	Tainan City	Taiwan
Gold	Solartech	Solar Applied Materials Technology Corp.	TAIWAN, PROVINCE OF CHI	CID001761	CFSI	Tainan City	Taiwan
Gold	State Research Institute Center for Physical Sciences	State Research Institute Center for Physical Sciences	LITHUANIA	CID003153	CFSI	Vilnius	Vilnius
Gold	Sudan Gold Refinery	Sudan Gold Refinery	SUDAN	CID002567	CFSI	Khartoum	Khartoum
Gold	Sumitomo Kinzoku Kozan K.K.	Sumitomo Metal Mining Co., Ltd.	JAPAN	CID001798	CFSI	Saio	Ehime
Gold	Sumitomo Metal Mining Co., Ltd.	Sumitomo Metal Mining Co., Ltd.	JAPAN	CID001798	CFSI	Saio	Ehime
Gold	SunqEel HiTech	SunqEel HiTech	KOREA, REPUBLIC OF	CID002918	CFSI	Gunsansandan-ro	Jeollabuk-do [Jeonbuk]
Gold	T.C.A S.p.A	T.C.A S.p.A	ITALY	CID002580	CFSI	Capolona	Toscana
Gold	Takehara Refinery	Mitsui Mining and Smelting Co., Ltd.	JAPAN	CID001193	CFSI	Takehara	Hiroshima
Gold	Tamano Smelter	JX Nippon Mining & Metals Co., Ltd.	JAPAN	CID000937	CFSI	Oita	Oita
Gold	Tanaka Denshi Koqyo K.K	Tanaka Kikinzoku Koqyo K.K.	JAPAN	CID001875	CFSI	Hiratsuka	Kanaqawa
Gold	Tanaka Electronics (Hong Kong) Pte. Ltd.	Tanaka Kikinzoku Koqyo K.K.	JAPAN	CID001875	CFSI	Hiratsuka	Kanaqawa
Gold	TANAKA Electronics (Malaysia) SDN. BHD.	Tanaka Kikinzoku Koqyo K.K.	JAPAN	CID001875	CFSI	Hiratsuka	Kanaqawa
Gold	Tanaka Electronics (Singapore) Pte. Ltd.	Tanaka Kikinzoku Koqyo K.K.	JAPAN	CID001875	CFSI	Hiratsuka	Kanaqawa
Gold	Tanaka Kikinzoku International	Tanaka Kikinzoku Koqyo K.K.	JAPAN	CID001875	CFSI	Hiratsuka	Kanaqawa
Gold	Tanaka Kikinzoku Koqyo K.K	Tanaka Kikinzoku Koqyo K.K.	JAPAN	CID001875	CFSI	Hiratsuka	Kanaqawa
Gold	Tanaka Kikinzoku Koqyo K.K.	Tanaka Kikinzoku Koqyo K.K.	JAPAN	CID001875	CFSI	Hiratsuka	Kanaqawa
Gold	Tanaka Kikinzoku Koqyo K.K.	Tanaka Kikinzoku Koqyo K.K.	JAPAN	CID001875	CFSI	Hiratsuka	Kanaqawa
Gold	Tanaka Precious Metals	Tanaka Kikinzoku Koqyo K.K.	JAPAN	CID001875	CFSI	Hiratsuka	Kanaqawa
Gold	The Great Wall Gold and Silver Refinery of China	Great Wall Precious Metals Co., Ltd. of CBPM	CHINA	CID001909	CFSI	Chengdu	Sichuan
Gold	The Perth Mint	Western Australian Mint (T/a The Perth Mint)	AUSTRALIA	CID002030	CFSI	Newburn	Western Australia
Gold	The Refinery of Shandong Gold Mining Co., Ltd.	The Refinery of Shandong Gold Mining Co., Ltd.	CHINA	CID001916	CFSI	Laizhou	Shandong
Gold	Tokuriki Honten Co., Ltd.	Tokuriki Honten Co., Ltd.	JAPAN	CID001938	CFSI	Kuki	Saitama
Gold	Tongling Nonferrous Metals Group Co., Ltd.	Tongling Nonferrous Metals Group Co., Ltd.	CHINA	CID001947	CFSI	Tongling	Anhui
Gold	TongLing Nonferrous Metals Group Holdings Co., Ltd.	Tongling Nonferrous Metals Group Co., Ltd.	CHINA	CID001947	CFSI	Tongling	Anhui
Gold	Tony Goetz NV	Tony Goetz NV	BELGIUM	CID002587	CFSI	Antwerp	Antwerpen
Gold	TOO Tau-Ken-Altyn	TOO Tau-Ken-Altyn	KAZAKHSTAN	CID002615	CFSI	Astana	Almaty
Gold	Torecom	Torecom	KOREA, REPUBLIC OF	CID001955	CFSI	Asan	Chunqcheonqnamdo
Gold	Tovo Smelter & Refinery	Sumitomo Metal Mining Co., Ltd.	JAPAN	CID001798	CFSI	Saio	Ehime
Gold	Umicore Brasil Ltda.	Umicore Brasil Ltda.	BRAZIL	CID001977	CFSI	Guarulhos	São Paulo
Gold	Umicore Precious Metals Refining Hoboken	Umicore S.A. Business Unit Precious Metals Refining	BELGIUM	CID001980	CFSI	Hoboken	Antwerpen
Gold	Umicore Precious Metals Thailand	Umicore Precious Metals Thailand	THAILAND	CID002314	CFSI	Khwaeng Dok Mai	Kruq Thep Maha Nakhon
Gold	Umicore S.A. Business Unit Precious Metals Refining	Umicore S.A. Business Unit Precious Metals Refining	BELGIUM	CID001980	CFSI	Hoboken	Antwerpen
Gold	United Precious Metal Refining, Inc.	United Precious Metal Refining, Inc.	UNITED STATES OF AMERIC	CID001993	CFSI	Alden	New York
Gold	Universal Precious Metals Refiningq Zambia	Universal Precious Metals Refiningq Zambia	ZAMBIA	CID002854	CFSI	Lusaka	Lusaka
Gold	Valcambi S.A.	Valcambi S.A.	SWITZERLAND	CID002003	CFSI	Balerna	Ticino
Gold	Western Australian Mint (T/a The Perth Mint)	Western Australian Mint (T/a The Perth Mint)	AUSTRALIA	CID002030	CFSI	Newburn	Western Australia
Gold	WIELAND Edelmetalle GmbH	WIELAND Edelmetalle GmbH	GERMANY	CID002778	CFSI	Pforzheim	Baden-Württemberg
Gold	Williams Advanced Materials	Materion	UNITED STATES OF AMERIC	CID001113	CFSI	Buffalo	New York

Gold	Xstrata	CCR Refinery - Glencore Canada Corporation	CANADA	CID000185	CFSI	Montréal	Quebec
Gold	Yamamoto Precious Metal Co., Ltd.	Yamamoto Precious Metal Co., Ltd.	JAPAN	CID002100	CFSI	Konan-sh	Kochi
Gold	Yamamoto Precision Metals	Yamamoto Precious Metal Co., Ltd.	JAPAN	CID002100	CFSI	Konan-sh	Kochi
Gold	Yantai NUS Safina tech environmental Refinery Co. L	Guoda Safina High-Tech Environmental Refinery (CHINA	CID000651	CFSI	Zhaoyuan	Shandong
Gold	Yokohama Metal Co., Ltd.	Yokohama Metal Co., Ltd.	JAPAN	CID002129	CFSI	Saqaamihara	Kanagawa
Gold	Yunnan Copper Industry Co., Ltd.	Yunnan Copper Industry Co., Ltd.	CHINA	CID000197	CFSI	Kunming	Yunnan
Gold	Zhao Jin Mining Industry Co Ltd	Shandong Zhaoin Gold & Silver Refinery Co., Ltd	CHINA	CID001622	CFSI	Zhaoyuan	Shandong
Gold	Zhao Yuan Gold Mine	Shandong Zhaoin Gold & Silver Refinery Co., Ltd	CHINA	CID001622	CFSI	Zhaoyuan	Shandong
Gold	Zhao Yuan Gold Smelter of ZhongJin	Shandong Zhaoin Gold & Silver Refinery Co., Ltd	CHINA	CID001622	CFSI	Zhaoyuan	Shandong
Gold	Zhao Yuan Jin Kuang	Shandong Zhaoin Gold & Silver Refinery Co., Ltd	CHINA	CID001622	CFSI	Zhaoyuan	Shandong
Gold	Zhaoin Mining Industry Co., Ltd.	Shandong Zhaoin Gold & Silver Refinery Co., Ltd	CHINA	CID001622	CFSI	Zhaoyuan	Shandong
Gold	zhaoininvinvelian	Shandong Zhaoin Gold & Silver Refinery Co., Ltd	CHINA	CID001622	CFSI	Zhaoyuan	Shandong
Gold	Zhaoyuan Gold Group	Shandong Zhaoin Gold & Silver Refinery Co., Ltd	CHINA	CID001622	CFSI	Zhaoyuan	Shandong
Gold	Zhongjin Gold Corporation Limited	Zhongyuan Gold Smelter of Zhongjin Gold Corpor	CHINA	CID002224	CFSI	Sanmenxia	Henan
Gold	Zhongyuan Gold Smelter of Zhonqin Gold Corporat	Zhongyuan Gold Smelter of Zhonqin Gold Corpor	CHINA	CID002224	CFSI	Sanmenxia	Henan
Gold	Zilin Kuang Ye Refinery	Gold Refinery of Zilin Minina Group Co., Ltd.	CHINA	CID002243	CFSI	Shanqiang	Fujian
Gold	Zilin Mining Industry Corporation	Gold Refinery of Zilin Minina Group Co., Ltd.	CHINA	CID002243	CFSI	Shanqiang	Fujian
Gold	Zilin Mining Group Co., Ltd. Gold Refinery	Gold Refinery of Zilin Minina Group Co., Ltd.	CHINA	CID002243	CFSI	Shanqiang	Fujian
Gold	Smelter not listed						
Gold	Smelter not yet identified	Unknown	Unknown				
Tantalum	Asaka Riken Co., Ltd.	Asaka Riken Co., Ltd.	JAPAN	CID000092	CFSI	Tamura	Fukushima
Tantalum	Chanqsha South Tantalum Niobium Co., Ltd.	Chanqsha South Tantalum Niobium Co., Ltd.	CHINA	CID000211	CFSI	Chanqsha	Hunan
Tantalum	Chanqsha Southern	Chanqsha South Tantalum Niobium Co., Ltd.	CHINA	CID000211	CFSI	Chanqsha	Hunan
Tantalum	Conghua Tantalum and Niobium Smeltry	Conghua Tantalum and Niobium Smeltry	CHINA	CID000291	CFSI	Conghua	Guangdong
Tantalum	D Block Metals, LLC	D Block Metals, LLC	UNITED STATES OF AMERIC	CID002504	CFSI	Gastonia	North Carolina
Tantalum	Douluoshan Sapphire Rare Metal Co Ltd	Douluoshan	CHINA	CID000410	CFSI	Sihui City	Guandong
Tantalum	Duoluoshan	Duoluoshan	CHINA	CID000410	CFSI	Sihui City	Guandong
Tantalum	Exotech Inc.	Exotech Inc.	UNITED STATES OF AMERIC	CID000456	CFSI	Pompano Beach	Florida
Tantalum	F & X	F&X Electro-Materials Ltd.	CHINA	CID000460	CFSI	Jiangmen	Guandong
Tantalum	F&X Electro-Materials Ltd.	F&X Electro-Materials Ltd.	CHINA	CID000460	CFSI	Jiangmen	Guandong
Tantalum	FIR Metals & Resource Ltd.	FIR Metals & Resource Ltd.	CHINA	CID002505	CFSI	Zhuzhou	Hunan
Tantalum	Global Advanced Metals Aizu	Global Advanced Metals Aizu	JAPAN	CID002558	CFSI	Aizuwakamatsu	Fukushima
Tantalum	Global Advanced Metals Boyertown	Global Advanced Metals Boyertown	UNITED STATES OF AMERIC	CID002557	CFSI	Bovertown	Pennsylvania
Tantalum	Guandong Zhiyuan New Material Co., Ltd.	Guandong Zhiyuan New Material Co., Ltd.	CHINA	CID000616	CFSI	Yinqde	Guandong
Tantalum	H.C. Starck Co., Ltd.	H.C. Starck Co., Ltd.	THAILAND	CID002544	CFSI	Map Ta Phut	Ravong
Tantalum	H.C. Starck Goslar	H.C. Starck Tantalum and Niobium GmbH	GERMANY	CID002545	CFSI	Goslar	Niedersachsen
Tantalum	H.C. Starck Hermsdorf GmbH	H.C. Starck Hermsdorf GmbH	GERMANY	CID002547	CFSI	Hermsdorf	Thüringen
Tantalum	H.C. Starck Inc.	H.C. Starck Inc.	UNITED STATES OF AMERIC	CID002548	CFSI	Newton	Massachusetts
Tantalum	H.C. Starck Ltd.	H.C. Starck Ltd.	JAPAN	CID002549	CFSI	Mito	Ibaraki
Tantalum	H.C. Starck Smelting GmbH & Co. KG	H.C. Starck Smelting GmbH & Co. KG	GERMANY	CID002550	CFSI	Laufenburg	Baden-Württemberg
Tantalum	H.C. Starck Tantalum and Niobium GmbH	H.C. Starck Tantalum and Niobium GmbH	GERMANY	CID002545	CFSI	Goslar	Niedersachsen
Tantalum	Henqyang Kinq Xinq Lifeng New Materials Co., Ltd.	Henqyang Kinq Xinq Lifeng New Materials Co., Ltd	CHINA	CID002492	CFSI	Henqyang	Hunan
Tantalum	Hi-Temp	Hi-Temp Specialty Metals, Inc.	UNITED STATES OF AMERIC	CID000731	CFSI	Yahpank	New York
Tantalum	Hi-Temp Specialty Metals, Inc.	Hi-Temp Specialty Metals, Inc.	UNITED STATES OF AMERIC	CID000731	CFSI	Yahpank	New York
Tantalum	Jianqxi Dinqhai Tantalum & Niobium Co., Ltd.	Jianqxi Dinqhai Tantalum & Niobium Co., Ltd.	CHINA	CID002512	CFSI	Fenqxin	Jianqxi
Tantalum	Jiangxi Tuohong New Raw Material	Jiangxi Tuohong New Raw Material	CHINA	CID002842	CFSI	Yichun	Jiangxi
Tantalum	JiuJiana JinXin Nonferrous Metals Co., Ltd.	JiuJiana Nonferrous Metals Co., Ltd.	CHINA	CID000914	CFSI	JiuJiana	Jianqxi
Tantalum	JiuJiana Nonferrous Metals Smelting Company Limite	JiuJiana Nonferrous Metals Smelting Company Lin	CHINA	CID000917	CFSI	JiuJiana	Jianqxi
Tantalum	JiuJiana Tanbre Co., Ltd.	JiuJiana Nonferrous Metals Smelting Company Lin	CHINA	CID000917	CFSI	JiuJiana	Jianqxi
Tantalum	JiuJiana Zhongqao Tantalum & Niobium Co., Ltd.	JiuJiana Zhongqao Tantalum & Niobium Co., Ltd.	CHINA	CID002506	CFSI	JiuJiana	Jianqxi
Tantalum	KEMET Blue Metals	KEMET Blue Metals	MEXICO	CID002539	CFSI	Matamoros	Tamaulipas
Tantalum	KEMET Blue Powder	KEMET Blue Powder	UNITED STATES OF AMERIC	CID002568	CFSI	Mound House	Nevada
Tantalum	Kinq-Tan Tantalum Industry Ltd.	Kinq-Tan Tantalum Industry Ltd.	CHINA	CID000973	CFSI	Yifeng	Jianqxi
Tantalum	LSM Brasil S.A.	LSM Brasil S.A.	BRAZIL	CID001076	CFSI	São João del Rei	Minas Gerais
Tantalum	Metallurgical Products India Pvt. Ltd. (MPIL)	Metallurgical Products India Pvt., Ltd.	INDIA	CID001163	CFSI	District Raigad	Maharashtra
Tantalum	Metallurgical Products India Pvt., Ltd.	Metallurgical Products India Pvt., Ltd.	INDIA	CID001163	CFSI	District Raigad	Maharashtra
Tantalum	Mineracao Taboca S.A.	Mineracao Taboca S.A.	BRAZIL	CID001175	CFSI	Presidente Figueiredo	Amazonas
Tantalum	Mineracao Taboca S.A.	Mineracao Taboca S.A.	BRAZIL	CID001175	CFSI	Presidente Figueiredo	Amazonas
Tantalum	Mitsui Mining & Smelting Co., Ltd.	Mitsui Mining and Smelting Co., Ltd.	JAPAN	CID001192	CFSI	Omuta	Fukuoka
Tantalum	Mitsui Mining and Smelting Co., Ltd.	Mitsui Mining and Smelting Co., Ltd.	JAPAN	CID001192	CFSI	Omuta	Fukuoka
Tantalum	Molycorp Silmet A.S.	NPM Silmet AS	ESTONIA	CID001200	CFSI	Sillamäe	Ida-Virumaa
Tantalum	Ninqxia Orient Tantalum Industry Co., Ltd.	Ninqxia Orient Tantalum Industry Co., Ltd.	CHINA	CID001277	CFSI	Shizuishan City	Ninqxia
Tantalum	NPM Silmet AS	NPM Silmet AS	ESTONIA	CID001200	CFSI	Sillamäe	Ida-Virumaa
Tantalum	Power Resources Ltd.	Power Resources Ltd.	MACEDONIA, THE FORMER	CID002847	CFSI	Skopje	Skopje
Tantalum	QuantumClean	QuantumClean	UNITED STATES OF AMERIC	CID001508	CFSI	Fremont	California
Tantalum	Resind Industria e Comercio Ltda.	Resind Industria e Comercio Ltda.	BRAZIL	CID002707	CFSI	São João del Rei	Minas Gerais
Tantalum	Resind Ind e Com Ltda.	Resind Industria e Comercio Ltda.	BRAZIL	CID002707	CFSI	São João del Rei	Minas Gerais
Tantalum	Resind Indústria e Comércio Ltda.	Resind Industria e Comercio Ltda.	BRAZIL	CID002707	CFSI	São João del Rei	Minas Gerais
Tantalum	RFH	RFH Tantalum Smeltry Co., Ltd.	CHINA	CID001522	CFSI	Zhuzhou	Hunan
Tantalum	RFH Tantalum Smeltry Co., Ltd.	RFH Tantalum Smeltry Co., Ltd.	CHINA	CID001522	CFSI	Zhuzhou	Hunan
Tantalum	Solikamsk	Solikamsk Magnesium Works OAO	RUSSIAN FEDERATION	CID001769	CFSI	Solikamsk	Permskiy kray
Tantalum	Solikamsk Magnesium Works OAO	Solikamsk Magnesium Works OAO	RUSSIAN FEDERATION	CID001769	CFSI	Solikamsk	Permskiy kray
Tantalum	Solikamsk Metal Works	Solikamsk Magnesium Works OAO	RUSSIAN FEDERATION	CID001769	CFSI	Solikamsk	Permskiy kray
Tantalum	Taki Chemical Co., Ltd.	Taki Chemical Co., Ltd.	JAPAN	CID001869	CFSI	Harima	Hyogo
Tantalum	Taki Chemicals	Taki Chemical Co., Ltd.	JAPAN	CID001869	CFSI	Harima	Hyogo
Tantalum	Telex Metals	Telex Metals	UNITED STATES OF AMERIC	CID001891	CFSI	Croydon	Pennsylvania
Tantalum	Tranzact, Inc.	Tranzact, Inc.	UNITED STATES OF AMERIC	CID002571	CFSI	Lancaster	Pennsylvania
Tantalum	ULBA	Ulba Metallurgical Plant JSC	KAZAKHSTAN	CID001969	CFSI	Ust-Kamenoqorsk	Oaraqhandy oblysv
Tantalum	Ulba Metallurgical Plant JSC	Ulba Metallurgical Plant JSC	KAZAKHSTAN	CID001969	CFSI	Ust-Kamenoqorsk	Oaraqhandy oblysv
Tantalum	XinXinq HaoRong Electronic Material Co., Ltd.	XinXinq HaoRong Electronic Material Co., Ltd.	CHINA	CID002508	CFSI	YunFu City	Guandong
Tantalum	Yanlinq Jincheng Tantalum Co., Ltd.	RFH Tantalum Smeltry Co., Ltd.	CHINA	CID001522	CFSI	Zhuzhou	Hunan
Tantalum	Yichun Jin Yang Rare Metal Co., Ltd.	Yichun Jin Yang Rare Metal Co., Ltd.	CHINA	CID002307	CFSI	Zhuzhou	Hunan
Tantalum	Zhaoin Duoluoshan Non-ferrous Metals Co.,Ltd	Duoluoshan	CHINA	CID000410	CFSI	Sihui City	Guandong
Tantalum	Zhuzhou Cemented Carbide Group	Zhuzhou Cemented Carbide Group Co., Ltd.	CHINA	CID002232	CFSI	Zhuzhou	Hunan
Tantalum	Zhuzhou Cemented Carbide Group Co., Ltd.	Zhuzhou Cemented Carbide Group Co., Ltd.	CHINA	CID002232	CFSI	Zhuzhou	Hunan
Tantalum	Zhuzhou Cemented Carbide Works Imp. & Exp. Co.	Zhuzhou Cemented Carbide Group Co., Ltd.	CHINA	CID002232	CFSI	Zhuzhou	Hunan
Tantalum	Smelter not listed						
Tantalum	Smelter not yet identified	Unknown	Unknown				
Tin	Alent plc	Alpha	UNITED STATES OF AMERIC	CID000292	CFSI	Altoona	Pennsylvania
Tin	Alpha	Alpha	UNITED STATES OF AMERIC	CID000292	CFSI	Altoona	Pennsylvania

Tin	Alpha Metals	Alpha	UNITED STATES OF AMERIC	CID000292	CFSI	Altoona	Pennsylvania
Tin	Alpha Metals Korea Ltd.	Alpha	UNITED STATES OF AMERIC	CID000292	CFSI	Altoona	Pennsylvania
Tin	Alpha Metals Taiwan	Alpha	UNITED STATES OF AMERIC	CID000292	CFSI	Altoona	Pennsylvania
Tin	An Thai Minerals Co., Ltd.	An Thai Minerals Co., Ltd.	VIET NAM	CID002825	CFSI	Quy Hop	Nghê An
Tin	An Vinh Joint Stock Mineral Processing Company	An Vinh Joint Stock Mineral Processing Company	VIET NAM	CID002703	CFSI	Ouy Hop	Nghê An
Tin	Brand IMLI	PT Bukit Timah	INDONESIA	CID001428	CFSI	Pangkal Pinang	Bangka Belitung
Tin	Brand RBT	PT Refined Bangka Tin	INDONESIA	CID001460	CFSI	Sungailiat	Bangka Belitung
Tin	Chengfeng Metals Co Pte Ltd	Yunnan Chengfeng Non-ferrous Metals Co., Ltd.	CHINA	CID002158	CFSI	Gejiu	Yunnan
Tin	Chenzhou Yun Xiang mining limited liability company	Chenzhou Yunxiang Mining and Metallurgy Co., Lt	CHINA	CID000228	CFSI	Qiaokou	Hunan
Tin	Chenzhou Yunxiang Mining and Metallurgy Co., Ltd.	Chenzhou Yunxiang Mining and Metallurgy Co., Lt	CHINA	CID000228	CFSI	Qiaokou	Hunan
Tin	China Rare Metal Material Co., Ltd.	Jianxixi Ketai Advanced Material Co., Ltd.	CHINA	CID000244	CFSI	Yichun	Jianxixi
Tin	China Tin (Hechi)	China Tin Group Co., Ltd.	CHINA	CID001070	CFSI	Laibin	Guanxi
Tin	China Tin Group Co., Ltd.	China Tin Group Co., Ltd.	CHINA	CID001070	CFSI	Laibin	Guanxi
Tin	China Tin Lai Ben Smelter Co., Ltd.	China Tin Group Co., Ltd.	CHINA	CID001070	CFSI	Laibin	Guanxi
Tin	China Yunnan Tin Co Ltd.	Yunnan Tin Company Limited	CHINA	CID002180	CFSI	Gejiu	Yunnan
Tin	CNMC (Guanxi) PGMA Co., Ltd.	CNMC (Guanxi) PGMA Co., Ltd.	CHINA	CID000278	CFSI	Hezhou	Guanxi
Tin	Cookson	Alpha	UNITED STATES OF AMERIC	CID000292	CFSI	Altoona	Pennsylvania
Tin	Cookson (Alpha Metals Taiwan)	Alpha	UNITED STATES OF AMERIC	CID000292	CFSI	Altoona	Pennsylvania
Tin	Cookson Alpha Metals (Shenzhen) Co., Ltd.	Alpha	UNITED STATES OF AMERIC	CID000292	CFSI	Altoona	Pennsylvania
Tin	Cooperativa Metalurqica de Rondonia Ltda.	Cooperativa Metalurqica de Rondonia Ltda.	BRAZIL	CID000295	CFSI	Ariquemes	Rondônia
Tin	Cooper Santa	Cooperativa Metalurqica de Rondonia Ltda.	BRAZIL	CID000295	CFSI	Ariquemes	Rondônia
Tin	Cooperativa Metalurqica de Rondônia Ltda.	Cooperativa Metalurqica de Rondonia Ltda.	BRAZIL	CID000295	CFSI	Ariquemes	Rondônia
Tin	CooperMetal	Cooperativa Metalurqica de Rondonia Ltda.	BRAZIL	CID000295	CFSI	Ariquemes	Rondônia
Tin	CV Ayi Jaya	CV Ayi Jaya	INDONESIA	CID002570	CFSI	Sungailiat	Bangka Belitung
Tin	CV Dua Sekawan	CV Dua Sekawan	INDONESIA	CID002592	CFSI	Pangkal Pinang	Bangka Belitung
Tin	CV Gita Pesona	CV Gita Pesona	INDONESIA	CID000306	CFSI	Sungailiat	Bangka Belitung
Tin	CV JusTindo	PT Justindo	INDONESIA	CID000307	CFSI	Kabupaten	Bangka Belitung
Tin	CV Nuriarah	PT Aries Kencana Setiahtera	INDONESIA	CID000309	CFSI	Pemali	Bangka Belitung
Tin	Gejiu Nunxin Sebalai	CV Serumpun Sebalai	INDONESIA	CID000153	CFSI	Pangkalan	Bangka Belitung
Tin	CV Tiqa Sekawan	CV Tiqa Sekawan	INDONESIA	CID002593	CFSI	Pangkal Pinang	Bangka Belitung
Tin	CV United Smelting	CV United Smelting	INDONESIA	CID000315	CFSI	Pangkal Pinang	Bangka Belitung
Tin	CV Venus Inti Perkasa	CV Venus Inti Perkasa	INDONESIA	CID002455	CFSI	Pangkal Pinang	Bangka Belitung
Tin	Da Nanq Processing Import and Export Joint Stock	Da Nanq Processing Import and Export Joint Stock	VIET NAM	CID003154	CFSI	King Mon	Hải Dương
Tin	Dowa	Dowa	JAPAN	CID000402	CFSI	Kosaka	Akita
Tin	Dowa Metaltech Co., Ltd.	Dowa	JAPAN	CID000402	CFSI	Kosaka	Akita
Tin	Electro-Mechanical Facility of the Cao Banq Minerals	Electro-Mechanical Facility of the Cao Banq Miner	VIET NAM	CID002572	CFSI	Tinh Tuc	Cao Bảnq
Tin	Elmet S.L.U.	Elmet S.L.U.	SPAIN	CID002774	CFSI	Berango	Bizkaia
Tin	EM Vinto	EM Vinto	BOLIVIA (PLURINATIONAL	CID000438	CFSI	Oruro	Oruro
Tin	Empresa Metalúrgica Vinto	EM Vinto	BOLIVIA (PLURINATIONAL	CID000438	CFSI	Oruro	Oruro
Tin	Empresa Nacional de Fundiciones (ENAF)	EM Vinto	BOLIVIA (PLURINATIONAL	CID000438	CFSI	Oruro	Oruro
Tin	ENAF	EM Vinto	BOLIVIA (PLURINATIONAL	CID000438	CFSI	Oruro	Oruro
Tin	Estanho de Rondonia S.A.	Estanho de Rondonia S.A.	BRAZIL	CID000448	CFSI	Ariquemes	Rondônia
Tin	Estanho de Rondônia S.A.	Estanho de Rondonia S.A.	BRAZIL	CID000448	CFSI	Ariquemes	Rondônia
Tin	Fenix Metals	Fenix Metals	POLAND	CID000468	CFSI	Chmielów	Podkarpackie
Tin	Funsur Smelter	Minsur	PERU	CID001182	CFSI	Paracas	Ika
Tin	Gejiu City Datun Chengfeng Smelter	Yunnan Chengfeng Non-ferrous Metals Co., Ltd.	CHINA	CID002158	CFSI	Gejiu	Yunnan
Tin	Gejiu Fenaming Metallurgy Chemical Plant	Gejiu Fenaming Metallurgy Chemical Plant	CHINA	CID002848	CFSI	Gejiu	Yunnan
Tin	Gejiu Jinye Mineral Company	Gejiu Jinye Mineral Company	CHINA	CID002859	CFSI	Jiie	Yunnan
Tin	Gejiu Kai Meng Industry and Trade LLC	Gejiu Kai Meng Industry and Trade LLC	CHINA	CID000942	CFSI	Gejiu	Yunnan
Tin	Gejiu Non-Ferrous Metal Processing Co., Ltd.	Gejiu Non-Ferrous Metal Processing Co., Ltd.	CHINA	CID000538	CFSI	Gejiu	Yunnan
Tin	Gejiu Yunxin Nonferrous Electrolysis Co., Ltd.	Gejiu Yunxin Nonferrous Electrolysis Co., Ltd.	CHINA	CID001908	CFSI	Gejiu	Yunnan
Tin	Gejiu Zi-Li	Gejiu Zili Mining And Metallurgy Co., Ltd.	CHINA	CID000555	CFSI	Gejiu	Yunnan
Tin	Gejiu Zili Mining And Metallurgy Co., Ltd.	Gejiu Zili Mining And Metallurgy Co., Ltd.	CHINA	CID000555	CFSI	Gejiu	Yunnan
Tin	Guang Xi Liu Zhou	China Tin Group Co., Ltd.	CHINA	CID001070	CFSI	Laibin	Guanxi
Tin	Guang Xi Liu Zhou	China Tin Group Co., Ltd.	CHINA	CID001070	CFSI	Laibin	Guanxi
Tin	Guangdong Hanhe Non-Ferrous Metal Co., Ltd.	Guangdong Hanhe Non-Ferrous Metal Co., Ltd.	CHINA	CID003116	CFSI	Chaozhou	Guangdong
Tin	GuangXi China Tin	China Tin Group Co., Ltd.	CHINA	CID001070	CFSI	Laibin	Guanxi
Tin	Guanxi Pinquai PGMA Co. Ltd.	CNMC (Guanxi) PGMA Co., Ltd.	CHINA	CID000278	CFSI	Hezhou	Guanxi
Tin	Guanvano Guida Nonferrous Metal Smelting Plant	Guanvano Guida Nonferrous Metal Smelting Plant	CHINA	CID002849	CFSI	Guanvano	Guanxi
Tin	Huichang Hill Tin Industry Co., Ltd.	Huichang Hill Tin Industry Co., Ltd.	CHINA	CID002844	CFSI	Ganzhou	Jiangxi
Tin	Huichang Jinchunda Tin Co., Ltd.	Huichang Jinchunda Tin Co., Ltd.	CHINA	CID000760	CFSI	Ganzhou	Jiangxi
Tin	Huichang Shun Tin Kam Industries, Ltd.	Huichang Jinchunda Tin Co., Ltd.	CHINA	CID000760	CFSI	Ganzhou	Jiangxi
Tin	INDONESIAN STATE TIN CORPORATION MENTOK SM	PT Timah (Persero) Tbk Mentok	INDONESIA	CID001482	CFSI	Mentok	Bangka Belitung
Tin	Indra Eramulti Logam	PT Bukit Timah	INDONESIA	CID001428	CFSI	Pangkal Pinang	Bangka Belitung
Tin	Jianxixi Ketai Advanced Material Co., Ltd.	Jianxixi Ketai Advanced Material Co., Ltd.	CHINA	CID000244	CFSI	Yichun	Jianxixi
Tin	Jiangxi Nanshan	Nankang Nanshan Tin Manufactory Co., Ltd.	CHINA	CID001231	CFSI	Ganzhou	Jiangxi
Tin	Jianxixi Shunda Huichang Kam Tin Co., Ltd.	Huichang Jinchunda Tin Co., Ltd.	CHINA	CID000760	CFSI	Ganzhou	Jiangxi
Tin	Kai Union Industry and Trade Co., Ltd. (China)	Gejiu Kai Meng Industry and Trade LLC	CHINA	CID000942	CFSI	Gejiu	Yunnan
Tin	Kai Unitá Trade Limited Liability Company	Gejiu Kai Meng Industry and Trade LLC	CHINA	CID000942	CFSI	Gejiu	Yunnan
Tin	Kundur Smelter	PT Timah (Persero) Tbk Kundur	INDONESIA	CID001477	CFSI	Kundur	Riau
Tin	Liuzhou China Tin	China Tin Group Co., Ltd.	CHINA	CID001070	CFSI	Laibin	Guanxi
Tin	Maqnu's Minerals Metais e Liqas Ltda.	Maqnu's Minerals Metais e Liqas Ltda.	BRAZIL	CID002468	CFSI	São João del Rei	Minas Gerais
Tin	Malaysia Smelting Corporation (MSC)	Malaysia Smelting Corporation (MSC)	MALAYSIA	CID001105	CFSI	Butterworth	Pulau Pinang
Tin	Melt Metais e Liqas S.A.	Melt Metais e Liqas S.A.	BRAZIL	CID002500	CFSI	Ariquemes	Cao Bảnq
Tin	Mentok Smelter	PT Timah (Persero) Tbk Mentok	INDONESIA	CID001482	CFSI	Mentok	Bangka Belitung
Tin	Metallic Materials Branch of Guangxi China Tin Group	China Tin Group Co., Ltd.	CHINA	CID001070	CFSI	Laibin	Guanxi
Tin	Metallic Resources, Inc.	Metallic Resources, Inc.	UNITED STATES OF AMERIC	CID001142	CFSI	Twinsburg	Ohio
Tin	Metallo-Chimique N.V.	Metallo-Chimique N.V.	BELGIUM	CID002773	CFSI	Beerse	Antwerpen
Tin	Mineracao Taboca S.A.	Mineracao Taboca S.A.	BRAZIL	CID001173	CFSI	Bairro Guarapiranga	São Paulo
Tin	Mineracão Taboca S.A.	Mineracao Taboca S.A.	BRAZIL	CID001173	CFSI	Bairro Guarapiranga	São Paulo
Tin	Minsur	Minsur	PERU	CID001182	CFSI	Paracas	Ika
Tin	Mitsubishi Materials Corporation	Mitsubishi Materials Corporation	JAPAN	CID001191	CFSI	Asago	Hyoogo
Tin	Modeltech Sdn Bhd	Modeltech Sdn Bhd	MALAYSIA	CID002858	CFSI	Butterworth	Kawasan Perindustrian Bukit
Tin	MSC	Malaysia Smelting Corporation (MSC)	MALAYSIA	CID001105	CFSI	Butterworth	Pulau Pinang
Tin	Nankang Nanshan Tin Manufactory Co., Ltd.	Nankang Nanshan Tin Manufactory Co., Ltd.	CHINA	CID001231	CFSI	Ganzhou	Jiangxi
Tin	Nanshan Tin Co. Ltd.	Nankang Nanshan Tin Manufactory Co., Ltd.	CHINA	CID001231	CFSI	Ganzhou	Jiangxi
Tin	Nqhe Tinh Non-Ferrous Metals Joint Stock Company	Nqhe Tinh Non-Ferrous Metals Joint Stock Compa	VIET NAM	CID002573	CFSI	Ouy Hop	Nghê An
Tin	O.M. Manufacturing (Thailand) Co., Ltd.	O.M. Manufacturing (Thailand) Co., Ltd.	THAILAND	CID001314	CFSI	Nonkham Sriracha	Chon Buri
Tin	O.M. Manufacturing Philippines, Inc.	O.M. Manufacturing Philippines, Inc.	PHILIPPINES	CID002517	CFSI	Cavite Economic Zone	Cavite
Tin	OMSA	Operaciones Metalurqica S.A.	BOLIVIA (PLURINATIONAL	CID001337	CFSI	Oruro	Oruro

Tin	Operaciones Metalurqical S.A.	Operaciones Metalurqical S.A.	BOLIVIA (PLURINATIONAL S	CID001337	CFSI	Oruro	Oruro
Tin	PGMA	CNMC (Guanqxi) PGMA Co., Ltd.	CHINA	CID000278	CFSI	Hezhou	Guanqxi
Tin	PT Aries Kencana Sejahtera	PT Aries Kencana Sejahtera	INDONESIA	CID000309	CFSI	Pemali	Bangka Belitung
Tin	PT Artha Cipta Lanaqeng	PT Artha Cipta Lanaqeng	INDONESIA	CID001399	CFSI	Sunqailliat	Bangka Belitung
Tin	PT ATD Makmur Mandiri Java	PT ATD Makmur Mandiri Java	INDONESIA	CID002503	CFSI	Sunqailliat	Bangka Belitung
Tin	PT Babel Inti Perkasa	PT Babel Inti Perkasa	INDONESIA	CID001402	CFSI	Lintang	Bangka Belitung
Tin	PT Bangka Prima Tin	PT Bangka Prima Tin	INDONESIA	CID002776	CFSI	Kabupaten	Bangka Belitung
Tin	PT Bangka Tin Industry	PT Bangka Tin Industry	INDONESIA	CID001419	CFSI	Sunqailliat	Bangka Belitung
Tin	PT Belitung Industri Sejahtera	PT Belitung Industri Sejahtera	INDONESIA	CID001421	CFSI	Kepulauan	Bangka Belitung
Tin	PT Bukit Timah	PT Bukit Timah	INDONESIA	CID001428	CFSI	Pangkal Pinang	Bangka Belitung
Tin	PT Cipta Persada Mulia	PT Cipta Persada Mulia	INDONESIA	CID002696	CFSI	Pangkal Pinang	Bangka Belitung
Tin	PT DS Jaya Abadi	PT DS Jaya Abadi	INDONESIA	CID001434	CFSI	Pangkal Pinang	Bangka Belitung
Tin	PT Eunindo Usaha Mandiri	PT Eunindo Usaha Mandiri	INDONESIA	CID001438	CFSI	Karimun	Kepulauan Riau
Tin	PT Indora Ermulti	PT Bukit Timah	INDONESIA	CID001428	CFSI	Pangkal Pinang	Bangka Belitung
Tin	PT Indra Eramult Loqam Industri	PT Bukit Timah	INDONESIA	CID001428	CFSI	Pangkal Pinang	Bangka Belitung
Tin	PT Inti Stania Prima	PT Inti Stania Prima	INDONESIA	CID002530	CFSI	Sunqailliat	Bangka Belitung
Tin	PT Justindo	PT Justindo	INDONESIA	CID000307	CFSI	Kabupaten	Bangka Belitung
Tin	PT Karimun Mining	PT Karimun Mining	INDONESIA	CID001448	CFSI	Karimun	Kepulauan Riau
Tin	PT Kijang Jaya Mandiri	PT Kijang Jaya Mandiri	INDONESIA	CID002829	CFSI	Sunqailliat	Bangka Belitung
Tin	PT Lautan Harmonis Sejahtera	PT Lautan Harmonis Sejahtera	INDONESIA	CID002870	CFSI	Bangka Selatan	Bangka Belitung
Tin	PT Menara Cipta Mulia	PT Menara Cipta Mulia	INDONESIA	CID002835	CFSI	Belituna Timur	Bangka Belitung
Tin	PT Mitra Stania Prima	PT Mitra Stania Prima	INDONESIA	CID001453	CFSI	Sunqailliat	Bangka Belitung
Tin	PT O.M. Indonesia	PT O.M. Indonesia	INDONESIA	CID002757	CFSI	Bekasi	Jawa Barat
Tin	PT Panca Meqa Persada	PT Panca Meqa Persada	INDONESIA	CID001457	CFSI	Sunqailliat	Bangka Belitung
Tin	PT Prima Timah Utama	PT Prima Timah Utama	INDONESIA	CID001458	CFSI	Pangkal Pinang	Bangka Belitung
Tin	PT Refined Bangka Tin	PT Refined Bangka Tin	INDONESIA	CID001460	CFSI	Sunqailliat	Bangka Belitung
Tin	PT Sariwiouna Binasantosa	PT Sariwiouna Binasantosa	INDONESIA	CID001463	CFSI	Sunqailliat	Bangka Belitung
Tin	PT Stania Prima Perkasa	PT Stania Prima Perkasa	INDONESIA	CID002468	CFSI	Pangkal Pinang	Bangka Belitung
Tin	PT Sukses Inti Makmur	PT Sukses Inti Makmur	INDONESIA	CID002816	CFSI	Kabupaten	Bangka Belitung
Tin	PT Sumber Jaya Indah	PT Sumber Jaya Indah	INDONESIA	CID001471	CFSI	Pangkal Pinang	Bangka Belitung
Tin	PT Tambang Timah	PT Timah (Persero) Tbk Kundur	INDONESIA	CID001477	CFSI	Kundur	Riau
Tin	PT Timah (Persero) Tbk Kundur	PT Timah (Persero) Tbk Kundur	INDONESIA	CID001477	CFSI	Kundur	Riau
Tin	PT Timah (Persero) Tbk Mentok	PT Timah (Persero) Tbk Mentok	INDONESIA	CID001482	CFSI	Mentok	Bangka Belitung
Tin	PT Tinindo Inter Nusa	PT Tinindo Inter Nusa	INDONESIA	CID001490	CFSI	Pangkal Pinang	Bangka Belitung
Tin	PT Tommy Utama	PT Tommy Utama	INDONESIA	CID001493	CFSI	Sumpina Desa Batu Pevu	Bangka Belitung
Tin	Resind Industria e Comercio Ltda.	Resind Industria e Comercio Ltda.	BRAZIL	CID002706	CFSI	São João del Rei	Minas gerais
Tin	Resind Ind e Com Ltda.	Resind Industria e Comercio Ltda.	BRAZIL	CID002706	CFSI	São João del Rei	Minas gerais
Tin	Resind Indústria e Comércio Ltda.	Resind Industria e Comercio Ltda.	BRAZIL	CID002706	CFSI	São João del Rei	Minas gerais
Tin	Rui Da Hung	Rui Da Hung	TAIWAN, PROVINCE OF CHI	CID001539	CFSI	Longtan Shiang Taoyuanq	Jianqxi
Tin	Shunda Huichang Kam Tin Co., Ltd.	Huichang Jinhshunda Tin Co., Ltd.	CHINA	CID000760	CFSI	Ganzhou	Jianqxi
Tin	Smelting Branch of Yunnan Tin Company Ltd	Yunnan Tin Company Limited	CHINA	CID002180	CFSI	Gejiu	Yunnan
Tin	Soft Metals Ltda.	Soft Metals Ltda.	BRAZIL	CID001758	CFSI	Bebedouro	São Paulo
Tin	Super Liqas	Super Liqas	BRAZIL	CID002756	CFSI	Piracicaba	São Paulo
Tin	Thai Solder Industry Corp., Ltd.	Thaisarco	THAILAND	CID001898	CFSI	Amphur Muang	Phuket
Tin	Thailand Smelting & Refining Co Ltd	Thaisarco	THAILAND	CID001898	CFSI	Amphur Muang	Phuket
Tin	Thaisarco	Thaisarco	THAILAND	CID001898	CFSI	Amphur Muang	Phuket
Tin	The Gejiu cloud new colored electrolytic	Gejiu Yunxin Nonferrous Electrolysis Co., Ltd.	CHINA	CID001908	CFSI	Gejiu	Yunnan
Tin	Tin Products Manufacturina Co.LTD. of YTCL	Yunnan Tin Company Limited	CHINA	CID002180	CFSI	Gejiu	Yunnan
Tin	Tobaca/ Paranaopenma	Mineracao Taboca S. A.	BRAZIL	CID001173	CFSI	Bairro Guarapiranga	São Paulo
Tin	Tuyen Quang Non-Ferrous Metals Joint Stock Compa	Tuyen Quang Non-Ferrous Metals Joint Stock Com	VIET NAM	CID002574	CFSI	Tan Quang	Tuyen Quang
Tin	Unit Timah Kundur PT Tambang	PT Timah (Persero) Tbk Kundur	INDONESIA	CID001477	CFSI	Kundur	Riau
Tin	VOB Mineral and Trading Group JSC	VOB Mineral and Trading Group JSC	VIET NAM	CID002015	CFSI	Kundur	Riau
Tin	White Solder Metalurgia e Mineracao Ltda.	White Solder Metalurgia e Mineracao Ltda.	BRAZIL	CID002036	CFSI	Nguyen Van Naoc	Ha Noi
Tin	White Solder Metalurgia e Mineracao Ltda.	White Solder Metalurgia e Mineracao Ltda.	BRAZIL	CID002036	CFSI	Ariquemes	Rondônia
Tin	White Solder Metalurqica	White Solder Metalurgia e Mineracao Ltda.	BRAZIL	CID002036	CFSI	Ariquemes	Rondônia
Tin	XiHai - Liuzhou China Tin Group Co Ltd	China Tin Group Co., Ltd.	CHINA	CID001070	CFSI	Laibin	Guangxi
Tin	YTCL	Yunnan Tin Company Limited	CHINA	CID002180	CFSI	Gejiu	Yunnan
Tin	Yunan Gejiu Yunxin Electrolvze Limited	Gejiu Yunxin Nonferrous Electrolysis Co., Ltd.	CHINA	CID001908	CFSI	Gejiu	Yunnan
Tin	Yunnan Adventure Co., Ltd.	Yunnan Chenqfeng Non-ferrous Metals Co., Ltd.	CHINA	CID002158	CFSI	Gejiu	Yunnan
Tin	Yunnan Chenqfeng	Yunnan Chenqfeng Non-ferrous Metals Co., Ltd.	CHINA	CID002158	CFSI	Gejiu	Yunnan
Tin	Yunnan Chenqfeng Non-ferrous Metals Co., Ltd.	Yunnan Chenqfeng Non-ferrous Metals Co., Ltd.	CHINA	CID002158	CFSI	Gejiu	Yunnan
Tin	Yunnan Gejiu Zili Metallurqy Co. Ltd.	Gejiu Zili Mining And Metallurqy Co., Ltd.	CHINA	CID000555	CFSI	Gejiu	Yunnan
Tin	YunNan Gejiu Yunxin Electrolvze Limited	Gejiu Yunxin Nonferrous Electrolysis Co., Ltd.	CHINA	CID001908	CFSI	Gejiu	Yunnan
Tin	Yunnan ride non-ferrous metal co., LTD	Yunnan Chenqfeng Non-ferrous Metals Co., Ltd.	CHINA	CID002158	CFSI	Gejiu	Yunnan
Tin	Yunnan Tin Company Limited	Yunnan Tin Company Limited	CHINA	CID002180	CFSI	Gejiu	Yunnan
Tin	Yunnan Tin Company, Ltd.	Yunnan Tin Company Limited	CHINA	CID002180	CFSI	Gejiu	Yunnan
Tin	Yunnan wind Nonferrous Metals Co., Ltd.	Yunnan Chenqfeng Non-ferrous Metals Co., Ltd.	CHINA	CID002158	CFSI	Gejiu	Yunnan
Tin	Yunnan Xi YE	Yunnan Tin Company Limited	CHINA	CID002180	CFSI	Gejiu	Yunnan
Tin	Yuntinic Resources	Yunnan Tin Company Limited	CHINA	CID002180	CFSI	Gejiu	Yunnan
Tin	YUNXIN colored electrolysis Company Limited	Gejiu Yunxin Nonferrous Electrolysis Co., Ltd.	CHINA	CID001908	CFSI	Gejiu	Yunnan
Tin	Smelter not listed						
Tin	Smelter not vet identified						
Tin	Unknown	Unknown	Unknown				
Tungsten	A.L.M.T. TUNGSTEN Corp.	A.L.M.T. TUNGSTEN Corp.	JAPAN	CID000004	CFSI	Toyama City	Toyama
Tunasten	ACL Metals Eireli	ACL Metals Eireli	BRAZIL	CID002833	CFSI	Aracariquama	São Paulo
Tunasten	Allied Material Corporation	A.L.M.T. TUNGSTEN Corp.	JAPAN	CID000004	CFSI	Toyama City	Toyama
Tunasten	ALMT Corp	A.L.M.T. TUNGSTEN Corp.	JAPAN	CID000004	CFSI	Toyama City	Toyama
Tunasten	ALMT Sumitomo Group	A.L.M.T. TUNGSTEN Corp.	JAPAN	CID000004	CFSI	Toyama City	Toyama
Tungsten	Asia Tungsten Products Vietnam Ltd.	Asia Tungsten Products Vietnam Ltd.	VIET NAM	CID002502	CFSI	Vinh Bao District	Hai Phong
Tunasten	ATI Metalworking Products	Kennameetal Huntsville	UNITED STATES OF AMERIC	CID000105	CFSI	Huntsville	Alabama
Tunasten	ATI Tungsten Materials	Kennameetal Huntsville	UNITED STATES OF AMERIC	CID000105	CFSI	Huntsville	Alabama
Tunasten	Chaozhou Xianqilu Tungsten Industry Co., Ltd.	Guangdong Xianqilu Tungsten Co., Ltd.	CHINA	CID000218	CFSI	Chaozhou	Guangdong
Tunasten	Chenzhou Diamond Tungsten Products Co., Ltd.	Chenzhou Diamond Tungsten Products Co., Ltd.	CHINA	CID002513	CFSI	Chenzhou	Hunan
Tunasten	China National Non Ferrous	Ganzhou Huaxing Tungsten Products Co., Ltd.	CHINA	CID000875	CFSI	Ganzhou	Jiangxi
Tunasten	Chonqvi Zhanqyuan Tungsten Co., Ltd.	Chonqvi Zhanqyuan Tungsten Co., Ltd.	CHINA	CID000258	CFSI	Ganzhou	Jianqxi
Tunasten	Dayu Weiliang Tunqsten Co., Ltd.	Dayu Weiliang Tunqsten Co., Ltd.	CHINA	CID000345	CFSI	Ganzhou	Jianqxi
Tunasten	Fujian Jinxin Tunqsten Co., Ltd.	Fujian Jinxin Tunqsten Co., Ltd.	CHINA	CID000499	CFSI	Yanshi	Fujian
Tunasten	Ganzhou Haichuangq Tunqsten Industry Co., Ltd.	Ganzhou Haichuangq Tunqsten Industry Co., Ltd.	CHINA	CID002645	CFSI	Ganzhou	Jianqxi
Tunasten	Ganzhou Huaxing Tunqsten Products Co., Ltd.	Ganzhou Huaxing Tunqsten Products Co., Ltd.	CHINA	CID000875	CFSI	Ganzhou	Jianqxi
Tunasten	Ganzhou Jianqwu Ferrotunqsten Co., Ltd.	Ganzhou Jianqwu Ferrotunqsten Co., Ltd.	CHINA	CID002315	CFSI	Ganzhou	Jianqxi
Tunasten	Ganzhou Seadraoq W & Mo Co., Ltd.	Ganzhou Seadraoq W & Mo Co., Ltd.	CHINA	CID002494	CFSI	Ganzhou	Jianqxi

Tungsten	Ganzhou Yatai Tungsten Co., Ltd.	Ganzhou Yatai Tungsten Co., Ltd.	CHINA	CID002536	CFSI	Ganzhou	Jianqxi
Tungsten	Global Tungsten & Powders Corp.	Global Tungsten & Powders Corp.	UNITED STATES OF AMERIC	CID000568	CFSI	Towanda	Pennsylvania
Tungsten	GTP	Global Tungsten & Powders Corp.	UNITED STATES OF AMERIC	CID000568	CFSI	Towanda	Pennsylvania
Tungsten	Guangdong Xianglu Tungsten Co., Ltd.	Guangdong Xianglu Tungsten Co., Ltd.	CHINA	CID000218	CFSI	Chaozhou	Guangdong
Tungsten	H.C. Starck Smelting GmbH & Co. KG	H.C. Starck Smelting GmbH & Co. KG	GERMANY	CID002542	CFSI	Laufenburg	Baden-Württemberg
Tungsten	H.C. Starck GmbH	H.C. Starck Tungsten GmbH	GERMANY	CID002541	CFSI	Goslar	Niedersachsen
Tungsten	H.C. Starck Tungsten GmbH	H.C. Starck Tungsten GmbH	GERMANY	CID002541	CFSI	Goslar	Niedersachsen
Tungsten	Hunan Chun-Chang non-ferrous Smelting & Concent	Hunan Chunchang Nonferrous Metals Co., Ltd.	CHINA	CID000769	CFSI	Henqvana	Hunan
Tungsten	Hunan Chenzhou Mining Co., Ltd.	Hunan Chenzhou Mining Co., Ltd.	CHINA	CID000766	CFSI	Yuanling	Hunan
Tungsten	Hunan Chenzhou Mining Group Co., Ltd.	Hunan Chenzhou Mining Co., Ltd.	CHINA	CID000766	CFSI	Yuanling	Hunan
Tungsten	Hunan Chuanda Vanadium Tungsten Co., Ltd. Wuj	Hunan Chuanda Vanadium Tungsten Co., Ltd. W	CHINA	CID002579	CFSI	Henqvana	Hunan
Tungsten	Hunan Chunchang Nonferrous Metals Co., Ltd.	Hunan Chunchang Nonferrous Metals Co., Ltd.	CHINA	CID000769	CFSI	Henqvana	Hunan
Tungsten	Hunan Litian Tungsten Industry Co., Ltd.	Hunan Litian Tungsten Industry Co., Ltd.	CHINA	CID003182	CFSI	Yiyang	Hunan
Tungsten	Hydrometallurg, JSC	Hydrometallurg, JSC	RUSSIAN FEDERATION	CID002649	CFSI	Nalchik	Kabardino-Balkarskaya Respublika
Tungsten	Japan New Metals Co., Ltd.	Japan New Metals Co., Ltd.	JAPAN	CID000825	CFSI	Akita City	Akita
Tungsten	Jianqwu H.C. Starck Tungsten Products Co., Ltd.	Jianqwu H.C. Starck Tungsten Products Co., Ltd.	CHINA	CID002551	CFSI	Ganzhou	Jianqxi
Tungsten	Jianqxi Davu Longxintai Tungsten Co., Ltd.	Jianqxi Davu Longxintai Tungsten Co., Ltd.	CHINA	CID002647	CFSI	Huanqiona	Jianqxi
Tungsten	Jianqxi Gan Bei Tungsten Co., Ltd.	Jianqxi Gan Bei Tungsten Co., Ltd.	CHINA	CID002321	CFSI	Xiushui	Jianqxi
Tungsten	Jianqxi Minmetals Gao'an Non-ferrous Metals Co., Lt	Jianqxi Minmetals Gao'an Non-ferrous Metals Co.,	CHINA	CID002313	CFSI	Gao'an	Jianqxi
Tungsten	Jianqxi Tonaqu Non-ferrous Metallurgical & Chemical	Jianqxi Tonaqu Non-ferrous Metallurgical & Chem	CHINA	CID002318	CFSI	Tonaqu	Jianqxi
Tungsten	Jianqxi Tungsten Co Ltd	Ganzhou Huaxinq Tungsten Products Co., Ltd.	CHINA	CID000875	CFSI	Ganzhou	Jianqxi
Tungsten	Jianqxi Tungsten Industry Group Co. Ltd.	Ganzhou Huaxinq Tungsten Products Co., Ltd.	CHINA	CID000875	CFSI	Ganzhou	Jianqxi
Tungsten	Jianqxi Xinsheng Tungsten Industry Co., Ltd.	Jianqxi Xinsheng Tungsten Industry Co., Ltd.	CHINA	CID002317	CFSI	Ganzhou	Jianqxi
Tungsten	Jianqxi Xishui Xianggan Nonferrous Metals Co., Ltd.	Jianqxi Xishui Xianggan Nonferrous Metals Co., l	CHINA	CID002535	CFSI	Xiushui	Jianqxi
Tungsten	Jianqxi Yaosheng Tungsten Co., Ltd.	Jianqxi Yaosheng Tungsten Co., Ltd.	CHINA	CID002316	CFSI	Ganzhou	Jianqxi
Tungsten	Kennametal Fallon	Kennametal Fallon	UNITED STATES OF AMERIC	CID000966	CFSI	Fallon	Nevada
Tungsten	Kennametal Huntsville	Kennametal Huntsville	UNITED STATES OF AMERIC	CID000105	CFSI	Huntsville	Alabama
Tungsten	Malipo Haiyu Tungsten Co., Ltd.	Malipo Haiyu Tungsten Co., Ltd.	CHINA	CID002319	CFSI	Nanfeng Xiaozhai	Yunnan
Tungsten	Moliren Ltd.	Moliren Ltd.	RUSSIAN FEDERATION	CID002845	CFSI	Roshal	Moskovskaja oblast'
Tungsten	Niaqara Refining LLC	Niaqara Refining LLC	UNITED STATES OF AMERIC	CID002589	CFSI	Depew	New York
Tungsten	Nui Phao H.C. Starck Tungsten Chemicals Manufactu	Nui Phao H.C. Starck Tungsten Chemicals Manufa	VIET NAM	CID002543	CFSI	Dai Tu	Thái Nguyên
Tungsten	Philippine Chuanqin Industrial Co., Inc.	Philippine Chuanqin Industrial Co., Inc.	PHILIPPINES	CID002827	CFSI	Marlao	Bulacan
Tungsten	Shaoguan Xinhai Rendan Tungsten Industry Co. Ltd	Xinhai Rendan Shaoguan Tungsten Co., Ltd.	CHINA	CID002095	CFSI	Shaoguan	Guangdong
Tungsten	South-East Nonferrous Metal Company Limited of He	South-East Nonferrous Metal Company Limited of	CHINA	CID002815	CFSI	Henqvana	Hunan
Tungsten	Teiqna (Vietnam) Tungsten Co., Ltd.	Teiqna (Vietnam) Tungsten Co., Ltd.	VIET NAM	CID001889	CFSI	Halong City	Tây Ninh
Tungsten	Unecha Refractory metals plant	Unecha Refractory metals plant	RUSSIAN FEDERATION	CID002724	CFSI	Unecha	Bryanskaya oblast'
Tungsten	Vietnam Younasun Tungsten Industry Co., Ltd.	Vietnam Younasun Tungsten Industry Co., Ltd.	VIET NAM	CID002011	CFSI	Halong City	Quảng Ninh
Tungsten	WBH	Wolfram Berabau und Hutten AG	AUSTRIA	CID002044	CFSI	St. Martin i-S	Steiermark
Tungsten	WBH, Wolfram [Austria]	Wolfram Berabau und Hutten AG	AUSTRIA	CID002044	CFSI	St. Martin i-S	Steiermark
Tungsten	Wolfram Berabau und Hutten AG	Wolfram Berabau und Hutten AG	AUSTRIA	CID002044	CFSI	St. Martin i-S	Steiermark
Tungsten	Wolfram Berabau und Hutten AG	Wolfram Berabau und Hutten AG	AUSTRIA	CID002044	CFSI	St. Martin i-S	Steiermark
Tungsten	Woltech Korea Co., Ltd.	Woltech Korea Co., Ltd.	KOREA, REPUBLIC OF	CID002843	CFSI	Gyeongju	Gyeongsangbuk-do [Gyeongbuk]
Tungsten	Xiamen H.C.	Xiamen Tungsten (H.C.) Co., Ltd.	CHINA	CID002320	CFSI	Xiamen	Fujian
Tungsten	Xiamen Tungsten (H.C.) Co., Ltd.	Xiamen Tungsten (H.C.) Co., Ltd.	CHINA	CID002320	CFSI	Xiamen	Fujian
Tungsten	Xiamen Tungsten Co., Ltd.	Xiamen Tungsten Co., Ltd.	CHINA	CID002082	CFSI	Xiamen	Fujian
Tungsten	Xinfeng Huarui Tungsten & Molybdenum New Mater	Xinfeng Huarui Tungsten & Molybdenum New Mat	CHINA	CID002830	CFSI	Ganzhou	Jiangxi
Tungsten	Xinhai Rendan Shaoguan Tungsten Co., Ltd.	Xinhai Rendan Shaoguan Tungsten Co., Ltd.	CHINA	CID002095	CFSI	Shaoguan	Guangdong
Tungsten	Zhangyuan Tungsten Co Ltd	Chongyi Zhangyuan Tungsten Co., Ltd.	CHINA	CID000258	CFSI	Ganzhou	Jiangxi
Tungsten	Smelter not listed						
Tungsten	Smelter not yet identified	Unknown	Unknown				