

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", "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 "Geju Non-ferrous" to its proper name "Geju Non-Ferrous Metal Processing Co. Ltd." 6. Changed "Mitsubishi Material" to its proper name "Mitsubishi Materials Corporation" 7. Changed "Niolan" to "Kemet Blue Powder" 8. Added "Nihon Material Co. LTD" as a gold refiner 9. Added "Aida Chemical Industries Co. Ltd." as a gold refiner 10. Added "Kojima Chemical" as a gold refiner 11. Added "Sabin" as a gold refiner 12. Added "United Precious Metal Refining Inc." as a gold refiner 13. Added "Yokohama Metal Co Ltd" as a gold refiner 14. Added "CNMC (Guangxi) PGMA Co., Ltd." as a tin refiner 15. Added "Conghua Tantalum and Niobium Smeltry" as a tantalum refiner 16. Added "Tantalite Resources" as a refinery 17. Added "Minmetals Ganzhou Tin Co. Ltd." as a tin refinery 18. Updated "ATI Metalworking Products" to its proper full name "ATI Tungsten Materials" 19. Updated "China Minmetals Corp." to its proper full name "China Minmetals Nonferrous Metals Co" 20. Added "Ganzhou Huaxing Tungsten" as a smelter 21. Added "Ganzhou Nonferrous Metals Smelting Co Ltd." as a smelter 22. Added "Sichuan Metals & Materials Imp & Exp Co as a tungsten smelter" 23. Added "Ganzhou Grand Sea W & Mo Group Co., Ltd." as a tungsten smelter 24. Added "Hunan Chenzhou Mining Group Co" as a tungsten smelter 25. Added "Japan New Metals Co Ltd" as a tungsten smelter
2.02	Jared Connors, Intel	March 29th, 2013	1. Added new selection to the metals dropdown lists of smelter list tab "Smelter not yet identified" 2. Moved "smelter not listed" to the bottom of each metals dropdown list 3. Fixed error in Checker sheet to eliminate display of text "one or more smelters have been added to smelter list" when rows are deleted 4. Rewrite of T&Cs 5. Adding Italian translation 6. Allow for deletion of rows in Smelter List tab 7. Removed hover over text in column C of Smelter List tab 8. Inserted additional rows for data entry on the Smelter List tab up to 2,500 rows 9. Made smelter ID numbers visible in Smelter List tab 10. Removed language selection from individual tabs, all controlled on Declaration tab 11. Updated template to prevent users from adding tabs to the worksheet 12. Added statement at the top of the revision history tab clarifying purpose of 0x revision updates	1. Added the following aliases to Ohio Precious Metals "OPM Metals", "USPM", "United States Precious Metals" 2. Added "ALMT" as tungsten smelter 3. Added "Suzhou Xingrui Noble" as gold smelter 4. Added "Shandong 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 "Unicore Brazil Ltd" as an alias for "Unicore Brasil Ltda" 8. Added "Pan Pacific Copper Co., LTD." as a gold smelter 9. Added "White Solder Metalurcia" as a tin smelter 10. Corrected spelling of "Jiujiang Tanbre" to "Jiujiang Tambre Co. Ltd." 11. Added Torecom as a gold smelter 12. Added "PT Tinindo Internusa" as alias of "PT Tinindo Inter Nusa" 13. Added "CV Jus Tindo" as alias of "CV JusTindo" 14. Added "PT Bellin Makmur Lestari" and "BML" as alias of "PT BillTin Makmur Lestari" 15. Added "Liuzhou China Tin Group Co., Ltd." as alias of "Liuzhou China Tin" 16. Added "PT Timah (Persero) TBK" and "Banka Tin" as alias of "PT Tambang Timah" 17. Added "GEJU ZILI MINING&SMELTING CO.,LTD." as alias of "Geju ZI-LI" 18. Added "Jiangxi Tungsten Co Ltd" as alias of "Jiangxi Tungsten Industry Group Co Ltd" 19. Added "Linwu Xianggui" as a tin smelter 20. Added "IMLI" and "Indra Eramulti Logam" as aliases of "PT Bukit Timah" 21. Added "CV Gita Pesona" as tin smelter 22. Added "PT Tommy Utama" as tin smelter 23. Added "PT Bangka Tin Industry" as tin smelter 24. Added "PT DS Jaya Abadi" as tin smelter 25. Added "PT Panca Mega" as tin smelter 26. Added "PT Karimun Mining" as tin smelter 27. Added "Cooper Santa" as tin smelter 28. Added "Daajin Indus Co. Ltd" as gold smelter 29. Added "DaeryongENC" as gold smelter 30. Added "Do Sung Corporation" as gold smelter 31. Added "Hwasung CJ Co. Ltd" as gold smelter 32. Added "Korea Metal" as gold smelter 33. Added "FUJIAN PRECIOUS METALS Co., Ltd" as gold smelter 34. Added "Fujian Jinxin Tungsten Co., Ltd." as tungsten refiner 35. Added "Dayu Weiliang Tungsten Co., Ltd." as tungsten refiner 36. Added "Xinhai Rendan Shaoguan Tungsten Co., Ltd." as tungsten refiner 37. Added "Hunan Chun-Chang Nonferrous Smelting & Concentrating Co., Ltd." as tungsten refiner 38. Added "Jiangxi Minmetals Gao'an Non-ferrous Metals Co., Ltd." as tungsten refiner 39. Corrected the spelling of "Allydne" to "Alldyne" 40. Corrected the spelling of "Alydne Powder Technologies" to "Alldyne Powder Technologies" 41. Corrected the spelling of "Korea Metal" to "Korea Metal Co. Ltd" 42. Added "LMS Brasil S.A." as tantalum smelter 43. Added "Taki Chemicals" as tantalum smelter 44. Added "Tantalite Resources" as tantalum smelter 45. Corrected naming inconsistency of "Ohio Precious Metals LLC." on standard smelter list and alias table. 46. Corrected naming inconsistency of "The Refinery of Shandong Gold Mining Co., Ltd" on standard smelter list and alias table. 47. Added "Molycorp Silmet" as tantalum smelter 48. Added "King-Tan Tantalum Industry Ltd" as tantalum smelter 49. Added "CooperMetal" as an alias of "Coopersanta" 50. Corrected the spelling of "Malaysia Smelting Corp" to "Malaysia Smelting Corporation (MSC)" 51. Corrected the spelling of "Asahi Pretec Corp" to "Asahi Pretec Corporation" 52. Added "Fenix Metals" as tin smelter 53. Changed alias "Bangka Tin" from "PT Tambang Timah" to "PT Timah" 54. Added "Ketapang" as an alias of "PT Bangka Putra Karya" 55. Corrected the Smelter ID of Cooper Santa from "2IDN063" to "2BRA063" 56. Added "Kundur" as an alias of "PT Tambang Timah" 57. Added "TT" as an alias of "PT Tambang Timah" 58. Added "CooperMetal" as an alias of "Coopersanta" 59. Corrected the spelling of "CV Duta Putra Bangka" to "CV Duta Putra Bangka" 60. Corrected the spelling of "ALMT" to "A.L.M.T. Corp." 61. Added "A.L.M.T. Tungsten Corp", "Allied Material Corp", and "ALMT" as aliases of "A.L.M.T. Corp." 62. Corrected country of "A.L.M.T. Corp." to "Japan" and smelter ID to "4JPN020" 63. Changed alias "Wolfram" for "Wolfram Company CJSC" to "Wolfram [Russia]" 64. Added "Wolfram [Austria]" as an alias of "Wolfram Bergbau und Hutten AG" 65. Added "Kennametal Inc." as a tungsten refiner 66. Added "Kennametal" as an alias of "Kennametal Inc."
2.03	Akimasa Yamakawa, JEITA / John Plyler, BlackBerry	July 12th, 2013	1. Resolved Excel 2003 incompatibility with programming for multiple languages. 2. Minor corrections to row number references in the instructions. 3. Added translation on checker sheet for the Column Name "Hyperlink to Source" 4. Corrected Japanese translation of "authorized representative" and "representative" on Declaration worksheet. 5. Adjusted row spacing of misc cells to allow for different lengths of translated text and comments. 6. Removed the symbols for the metals on the standard smelter list (e.g., "Sn"). 7. Deleted text "If no for all metals, you are done with this survey." from question 1 on the Declaration worksheet.	1. Added "Fujian Jinxin Tungsten Co., Ltd." as tungsten refiner 2. Added "Dayu Weiliang Tungsten Co., Ltd." as tungsten refiner 3. Added "Xinhai Rendan Shaoguan Tungsten Co., Ltd." as tungsten refiner 4. Added "Hunan Chun-Chang Nonferrous Smelting & Concentrating Co., Ltd." as tungsten refiner 5. Added "Jiangxi Minmetals Gao'an Non-ferrous Metals Co., Ltd." as tungsten refiner 6. Corrected the spelling of "Allydne" to "Alldyne" 7. Corrected the spelling of "Alydne Powder Technologies" to "Alldyne Powder Technologies" 8. Corrected the spelling of "Korea Metal" to "Korea Metal Co. Ltd" 9. Added "LMS Brasil S.A." as tantalum smelter 10. Added "Taki Chemicals" as tantalum smelter 11. Added "Tantalite Resources" as tantalum smelter 12. Corrected naming inconsistency of "Ohio Precious Metals LLC." on standard smelter list and alias table. 13. Corrected naming inconsistency of "The Refinery of Shandong Gold Mining Co., Ltd" on standard smelter list and alias table. 14. Added "Molycorp Silmet" as tantalum smelter 15. Added "King-Tan Tantalum Industry Ltd" as tantalum smelter 16. Added "CooperMetal" as an alias of "Coopersanta" 17. Corrected the spelling of "Malaysia Smelting Corp" to "Malaysia Smelting Corporation (MSC)" 18. Corrected the spelling of "Asahi Pretec Corp" to "Asahi Pretec Corporation" 19. Added "Fenix Metals" as tin smelter 20. Changed alias "Bangka Tin" from "PT Tambang Timah" to "PT Timah" 21. Added "Ketapang" as an alias of "PT Bangka Putra Karya" 22. Corrected the Smelter ID of Cooper Santa from "2IDN063" to "2BRA063" 23. Added "Kundur" as an alias of "PT Tambang Timah" 24. Added "TT" as an alias of "PT Tambang Timah" 25. Added "CooperMetal" as an alias of "Coopersanta" 26. Corrected the spelling of "CV Duta Putra Bangka" to "CV Duta Putra Bangka" 27. Corrected the spelling of "ALMT" to "A.L.M.T. Corp." 28. Added "A.L.M.T. Tungsten Corp", "Allied Material Corp", and "ALMT" as aliases of "A.L.M.T. Corp." 29. Corrected country of "A.L.M.T. Corp." to "Japan" and smelter ID to "4JPN020" 30. Changed alias "Wolfram" for "Wolfram Company CJSC" to "Wolfram [Russia]" 31. Added "Wolfram [Austria]" as an alias of "Wolfram Bergbau und Hutten AG" 32. Added "Kennametal Inc." as a tungsten refiner 33. Added "Kennametal" as an alias of "Kennametal Inc."
2.03a	John Plyler, BlackBerry	July 25th, 2013	No functional change.	1. Corrected the spelling of "CV Duta Putra Bangka" to "CV Duta Putra Bangka" 2. Corrected the spelling of "ALMT" to "A.L.M.T. Corp." 3. Added "A.L.M.T. Tungsten Corp", "Allied Material Corp", and "ALMT" as aliases of "A.L.M.T. Corp." 4. Corrected country of "A.L.M.T. Corp." to "Japan" and smelter ID to "4JPN020" 5. Changed alias "Wolfram" for "Wolfram Company CJSC" to "Wolfram [Russia]" 6. Added "Wolfram [Austria]" as an alias of "Wolfram Bergbau und Hutten AG" 7. Added "Kennametal Inc." as a tungsten refiner 8. Added "Kennametal" as an alias of "Kennametal Inc."
3.00	Akimasa Yamakawa, JEITA, and John Plyler, BlackBerry, under the direction of the CFSI Due Diligence Workgroup	April 9th, 2014	Major update to synchronize the CFSI CMRT with the data fields in the newly published IPC-1755 Standard. Changes include: 1. Addition of new company information fields. 2. Two additional due diligence questions and removal of one. 3. Minor changes to question text throughout. 4. Expansion of instructions and definitions. 5. Updated translations of all modified text.	Added the following gold refiners: 1. Bauer Walsler AG 2. C. Hafner GmbH + Co. KG 3. China National Gold Group Corporation 4. Colt Refining 5. Daye Non-Ferrous Metals Mining Ltd. 6. Doduco 7. Eco-System Recycling Co., Ltd. 8. Gansu Seemine Material Hi-Tech Co Ltd 9. Guangdong Jinding Gold Limited 10. Hunan Chenzhou Mining Industry Group 11. Kennecott Utah Copper LLC 12. Lingbao Jinyuan Tonghui Refinery Co. Ltd. 13. Luoyang Zjin Yinhui Metal Smelt Co Ltd 14. Metalor Technologies (Singapore) Pte. Ltd. 15. Ohura Precious Metal Industry Co., Ltd 16. Penglai Penggang Gold Industry Co Ltd 17. So Accurate Group, Inc. 18. Tongling nonferrous Metals Group Co.,Ltd 19. YAMAMOTO PRECIOUS METAL CO., LTD. 20. 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 Yung Base Metal Co. Ltd Added the following tin smelters: 1. China Rare Metal Materials Company 2. Estanho de Rondônia S.A. 3. Magnu's Minerais Metais e Ligas LTDA 4. O.M. Manufacturing (Thailand) Co., Ltd. 5. Rui Da Hung Added the following tungsten refiners: 1. Ganzhou Jiangwu Ferrotungsten Co., Ltd. 2. Jiangxi Gan Bei Tungsten Co., Ltd. 3. Jiangxi Richsea New Materials Co., Ltd. 4. Jiangxi Tonggu Non-ferrous Metallurgical & Chemical Co., Ltd. 5. Jiangxi Xincheng 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. Codalco 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 10. PT BillTin Makmur Lestari 11. PT Fang Di MuTindo 12. PT HP Metals Indonesia 13. PT Koba Tin 14. PT Panca Mega 15. PT Seirama Tin investment 16. PT Sumber Jaya Indah 17. PT Timah Nusantara 18. PT Tommy Utama Removed the following as tungsten refiners: 1. China Minmetals Nonferrous Metals Co Ltd 2. Ganzhou Grand Sea W & Mo Group Co Ltd Changed numerous Standard Smelter Names, including: 1. "Pan Pacific Copper Co. LTD" to "JX Nippon Mining & Metals Co., Ltd" 2. "Xstrata Canada Corporation" to "CCR Refinery - Glencore Canada Corporation" 3. "PT Refined Banka Tin" to "PT Refined Bangka Tin" 4. "ATI Tungsten Materials" to "Kennametal Huntsville" 5. "Jiangxi Rare Earth & Rare Metals Tungsten Group Corp" to "Ganzhou Non-ferrous Metals Smelting Co., Ltd." 6. "Kennametal Inc." to "Kennametal Fallon" 7. "Chaozhou Xianglu Tungsten Industry Co Ltd" to "Guangdong Xianglu Tungsten Industry Co., Ltd." Changed numerous "Alias" names of smelters and refiners.
3.01	Akimasa Yamakawa, JEITA, and John Plyler, BlackBerry, under the direction of the CFSI Due Diligence Workgroup	May 30th, 2014	1. Removed the ability to overwrite the "Declaration Scope or Class" field. Users are restricted to only use the drop-down options. 2. Addressed issue with Checker incorrectly showing "Description of Scope" as missing data when a user selects "B. Product (or List of Products)" as the Declaration Scope. 3. Programmed Checker to show missing data when response to question B is "Yes", unless a url is entered the corresponding "Comments" field.	1. Added the tin smelter "Melt Metais e Ligas S/A" 2. Added the tungsten refiner "Vietnam Youngsun Tungsten Industry Co., Ltd" 3. Corrected the name of tin smelter "Liuzhou China Tin" to "China Tin Group Co., Ltd." 4. Corrected the name of tin smelter "PT Timah" to "PT Timah (Persero), Tbk"
3.02	John Plyler, BlackBerry, under the direction of the CFSI Due Diligence Data Collection Workgroup	Nov 7th, 2014	1. Revisions to the German language translation throughout. 2. Correction of the Japanese language translation for Question 4 on the Declaration worksheet.	This version incorporates numerous changes to the smelter list as reflected in the Standard Smelter List as of November 7, 2014. The latest version of the Standard Smelter List is available at: http://www.conflictfreesourcing.org .
4.0	CFSI Due Diligence Data Collection Workgroup	Apr 30th, 2015	Replaced the Standard Smelter Names tab with the Smelter Reference List tab, displaying common alternate names for smelters as well as location information. Major update to synchronize the CFSI CMRT with the data fields in the newly revised IPC-1755 Standard. Changes include: 1. Changes to question text throughout. 2. Expansion of instructions and definitions. 3. Updated translations of all modified text.	This version incorporates numerous changes to the smelter list as reflected in the Standard Smelter List as of April 17, 2015. The latest version of the Standard Smelter List is available at: http://www.conflictfreesourcing.org .
4.01	CFSI Due Diligence Data Collection Workgroup	June 12th, 2015	Minor revisions to correct reported issues including those related to error checking on the "Checker" and "Smelter List" tabs.	This version incorporates a few changes to the smelter list as reflected in the Standard Smelter List as of June 12, 2015. The latest version of the Standard Smelter List is available at: http://www.conflictfreesourcing.org .
4.01a	CFSI Due Diligence Data Collection Workgroup	August 6th, 2015	No functional change. 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.conflictfreesourcing.org .
4.01b	CFSI Due Diligence Data Collection Workgroup	November 16th, 2015	No functional change.	This version incorporates a few changes to the smelter list as reflected in the Standard Smelter List as of November 6, 2015. The latest version of the Standard Smelter List is available at: http://www.conflictfreesourcing.org .
4.10	CFSI CMRT Team	April 29, 2016	1. Corrections to all bugs and errors 2. Enhancements which do not conflict with IPC-1755 a. Additions and clarifications in the instructions and definitions b. Smelter List Tab: Re-introduction of "smelter not yet identified" c. Smelter List Tab: Inclusion of drop down menu for smelter ID that triggers auto-population of columns B to J 3. Translation improvements and addition of Turkish language 4. Updates to the Smelter Reference List and Standard Smelter List a. Updated lists and corrections b. ASCII character set alignment	This version incorporates a few changes to the smelter list as reflected in the Standard Smelter List as of March 23, 2016. The latest version of the Standard Smelter List is available at: http://www.conflictfreesourcing.org .
4.20	CFSI CMRT Team	November 30, 2016	1. Corrections to all bugs and errors 2. Enhancements which do not conflict with IPC-1755 a. Additions and clarifications in the instructions and definitions b. Update to ISO short names for countries 3. Translation improvements 4. Updates to the Smelter Reference List and Standard Smelter List	This version incorporates a few changes to the smelter list as reflected in the Standard Smelter List as of October 6, 2016. The latest version of the Standard Smelter List is available at: http://www.conflictfreesourcing.org/conflict-free-smelter-program/exports/cmrt-export/ .



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

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

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

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

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

2. This is the second of two questions for which the response is used to determine whether the 3TG is within the scope of conflict minerals reporting requirements as described in the SEC's final rules regarding the determination if a 3TG is "necessary to the production" of a product. This question is separate and independent from the question and response to question 1. This query is intended to identify 3TGs which are intentionally used in the manufacturing process of a product and where some amount of the 3TG remains in the finished product. These 3TGs likely were not intended to become part of the final product nor are they likely "necessary to the functionality" of the product but are only present as residuals of the manufacturing process. In many cases, the manufacturer may have attempted to remove or facilitate consumption of the 3TG during the manufacturing process, however, some amount of the 3TG remains. Should the 3TG, which is used during the manufacturing process, be completely removed during that process, the response to this question would be "no."

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

<p>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).</p> <p>The answer to this query shall be "yes", "no", or "unknown". Substantiate a "Yes" answer in the comments section.</p> <p>This question is mandatory for a specific metal if the response to Question 1 or 2 is "Yes" for that metal.</p>
<p>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.</p> <p>The answer to this query shall be "yes", "no", or "unknown". This question is mandatory for a specific metal if the response to Question 1 or 2 is "Yes" for that metal.</p> <p>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.</p>
<p>5. This is a declaration to determine whether a company has received conflict minerals disclosures from all direct suppliers reasonably believed to be providing 3TGs contained in the products covered by the scope of this declaration. Permissible responses to this question are:</p> <ul style="list-style-type: none"> - Yes, 100% - No, but greater than 75% - No, but greater than 50% - No, but greater than 25% - No, but less than 25% - None <p>This question is mandatory for a specific metal if the response to Question 1 or 2 is "Yes" for that metal.</p>
<p>6. This question verifies if the supplier has reason to believe they have identified all of the smelters providing 3TGs in the products covered by this declaration. The answer to this question shall be "yes" or "no", along with a comment in certain cases, e.g. list of smelters. This question is mandatory for a specific metal if the response to Question 1 or 2 is "Yes" for that metal.</p>
<p>7. This question verifies that all of the smelters identified to be providing any of the 3TGs contained in the products covered by the scope of this declaration have been reported in this declaration. The answer to this question shall be "yes" or "no" along with a comment in certain cases, e.g. list of smelters. This question is mandatory for a specific metal if the response to Question 1 or 2 is "Yes" for that metal.</p>
<p>Provide comments in the Comment sections as required to clarify your responses.</p>
<p>Instructions for completing Questions A. – J. (rows 69 - 87). Questions A. through J. are mandatory if the response to Question 1 or 2 is "Yes" for any metal.</p> <p>Provide answers in ENGLISH only</p>
<p>The OECD Due Diligence Guidance for Responsible Supply Chains of Minerals from Conflict-affected and High-risk Areas (OECD Guidance) defines "Due Diligence" as "an on-going, proactive and reactive process through which companies can ensure that they respect human rights and do not contribute to conflict". Due diligence should be an integral part of your company's overall conflict free sourcing strategy. Questions A. thru J. are designed to assess your company's conflict-free minerals sourcing due diligence activities. Responses to these questions shall represent the full scope of your company's activities and shall not be limited to the 'Declaration Scope' selected in the company information section.</p>
<p>A. Please answer "Yes" or "No". Provide any comments, if necessary.</p>
<p>B. Please answer "Yes" or "No" If "Yes", provide the web link in the comments section.</p>
<p>C. Please answer "Yes" or "No". Provide any comments if necessary. See Definitions worksheet for definition of "DRC conflict-free".</p>
<p>D. This is a declaration to determine whether a company requires their direct suppliers to source 3TG from validated, conflict free smelters. The answer to this query shall be "yes" or "no". This question is mandatory.</p>
<p>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.</p> <p>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.</p> <p>F. This is a declaration to disclose whether a company requests their supplier to fill out a conflict minerals declaration. The answer to this query shall be "yes" or "no" along with a comment in certain cases, i.e., to provide the format used for collecting information. This question is mandatory.</p>
<p>G. Please answer "Yes" or "No". Provide any comments, if necessary.</p>
<p>H. Please answer "Yes" or "No". In the comments section, you can provide additional information on your approach. Examples could be:</p> <ul style="list-style-type: none"> "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.
<p>I. Please answer "Yes" or "No". If "Yes", please describe how you manage your corrective action process.</p>
<p>J. Please answer "Yes" or "No". The SEC conflict minerals disclosure requirements apply to US exchange-traded companies that are subject to the US Securities Exchange Act. For more information please refer to www.sec.gov.</p>
<p>Instructions for completing the Smelter List Tab.</p> <p>Provide answers in ENGLISH only</p>
<p>Note: Columns with (*) are mandatory fields</p>
<p>This template allows for smelter identification using the Smelter Reference List. Columns B,C,D and E must be completed in order from left to right to utilize the Smelter Reference List feature. Use a separate line for each metal/smelter/country combination</p>
<p>1. Smelter Identification Input Column - If you know the Smelter Identification Number, input the number in Column A (columns B, C, D, E, F, G, I, and J will auto-populate). Column A does not autopopulate.</p>
<p>2. Metal (*) - Use the pull down menu to select the metal for which you are entering smelter information. This field is mandatory.</p>
<p>3. Smelter Reference List(*) - Select from dropdown. This is the list of known smelters as of template release date. If smelter is not listed select 'Smelter Not Listed'. This will allow you to enter the name of the smelter in Column D. If you do not know the name or location of the smelter, select 'Smelter Not Yet Identified.' For this option, columns D and E will autopopulate to say, 'unknown.' This field is mandatory.</p>
<p>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.</p>
<p>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.</p>
<p>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'.</p>

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

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

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

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

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

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

If you have permission to share this information, please fill in the name of the Smelter Facility Contact person who you worked with.

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

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

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

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

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

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

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

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

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

TERMS AND CONDITIONS

The Conflict-Free Smelter Program ("Program") Compliant Smelter List (the "List") and Program templates and tools, including, without limitation, the Conflict Minerals Reporting Template (collectively "Tools"), including, without limitation, all information provided therein, are provided for informational purposes only and are current as of the date set forth therein. Any inaccuracy or omission in the List or any Tool is not the responsibility of the Electronic Industry Citizenship Coalition, Incorporated, a Delaware non-stock corporation ("EICC"), or of the Global e-Sustainability Initiative, a Belgian international not-for-profit association ("GeSI"). Determination of whether and/or how to use all or any portion of the List or any Tool is to be made in the User's sole and absolute discretion. Prior to using the List or any Tool, you should review it with your own legal counsel. No part of the List or any Tool constitutes legal advice. Use of the List or any Tool is voluntary.

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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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Revision 4.20 November 30, 2016

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	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. A list of smelters and refiners which have been validated to be compliant to the CFSP can be found at www.conflictreesourcing.org .
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	As defined in 2010 United States legislation, Dodd-Frank Wall Street Reform and Consumer Protection Act, Section 1502(e)(4): CONFLICT MINERAL. —The term "conflict mineral" means— (A) columbite-tantalite (coltan), cassiterite, gold, wolframite, or their derivatives; or (B) any other mineral or its derivatives determined by the Secretary of State to be financing conflict in the Democratic Republic of the Congo or an adjoining country. (available at http://www.sec.gov/about/laws/wallstreetreform-cpa.pdf)
Covered Country(ies)	Covered Country(ies) as defined by the United States Dodd-Frank Wall Street Reform and Consumer Protection Act of 2010. These countries include the Democratic Republic of the 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,
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
Intentionally added	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. 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." *(56296 Federal Register / Vol. 77, No. 177 / Wednesday, September 12, 2012 / Rules and Regulations)
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
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 products 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 smelter 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 products 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 a complete description: http://www.conflictreesourcing.org/audit-protocols-procedures/ .



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 November 30, 2016

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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 (*).

Company Information

Company Name (*):	Inovonics
Declaration Scope or Class (*):	A. Company
Description of Scope:	
Company Unique ID:	
Company Unique ID Authority:	
Address:	397 S. Taylor Ave. Louisville, CO 80027
Contact Name (*):	Corey Leavitt
Email - Contact (*):	cleavitt@inovonics.com
Phone - Contact (*):	303-209-7143
Authorizer (*):	Corey Leavitt
Title - Authorizer:	Regulatory Compliance Engineer
Email - Authorizer (*):	cleavitt@inovonics.com
Phone - Authorizer (*):	303-209-7143
Effective Date (*):	22-Mar-2017

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

1) Is the 3TG intentionally added to your product? (*)	Answer	Comments
Tantalum (*)	Yes	
Tin (*)	Yes	
Gold (*)	Yes	
Tungsten (*)	Yes	

2) Is the 3TG necessary to the production of your company's products and contained in the finished product that your company manufactures or contracts to manufacture? (*)	Answer	Comments
Tantalum (*)	Yes	
Tin (*)	Yes	
Gold (*)	Yes	
Tungsten (*)	Yes	

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 (*)	Yes	The 17 known to source from the region are audited conflict free
Tin (*)	Yes	The 2 known to source from the region are audited conflict free
Gold (*)	Unknown	
Tungsten (*)	Yes	The 4 known to source from the region are audited conflict free

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 (*)	No	
Tin (*)	No	
Gold (*)	No	
Tungsten (*)	No	

5) Have you received data/information for each 3TG from all relevant suppliers? (*)	Answer	Comments
Tantalum (*)	No, but greater than 25%	
Tin (*)	No, but greater than 25%	
Gold (*)	No, but greater than 25%	
Tungsten (*)	No, but greater than 25%	

6) Have you identified all of the smelters supplying the 3TG to your supply chain? (*)	Answer	Comments
Tantalum (*)	No	
Tin (*)	No	
Gold (*)	No	
Tungsten (*)	No	



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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 (*).

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

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

Answer the Following Questions at a Company Level

Question	Answer	Comments
A. Do you have a policy in place that addresses conflict minerals sourcing? (*)	Yes	
B. Is your conflict minerals sourcing policy publicly available on your website? (Note – If yes, the user shall specify the URL in the comment field.) (*)	Yes	http://www.ropertech.com/conflict-minerals
C. Do you require your direct suppliers to be DRC conflict-free? (*)	Yes	As noted in our policy
D. Do you require your direct suppliers to source the 3TG from smelters whose due diligence practices have been validated by an independent third party audit program? (*)	No	We are a member of the Conflict Free Sourcing Initiative through our parent company, Roper Technologies, Inc.
E. Have you implemented due diligence measures for conflict-free sourcing? (*)	Yes	This includes communicating and incorporating due diligence expectations into supplier contracts and purchase orders.
F. Do you collect conflict minerals due diligence information from your suppliers which is in conformance with the IPC-1755 Conflict Minerals Data Exchange standard [e.g., the CFSI Conflict Minerals Reporting Template]? (*)	Yes	Our software-as-a-service solution utilizes the Conflict Free Sourcing Initiative's Conflict Minerals Reporting Template (CMRT) questions and accepts uploads of the CMRT.
G. Do you request smelter names from your suppliers? (*)	Yes	
H. Do you review due diligence information received from your suppliers against your company's expectations? (*)	Yes	Documentation review
I. Does your review process include corrective action management? (*)	Yes	This includes communication with our suppliers regarding review concerns and incorporation of conflict minerals terms into supplier contracts and purchase orders.
J. Are you subject to the SEC Conflict Minerals rule? (*)	Yes	Through our parent company, Roper Technologies, Inc.

TO BEGIN:

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

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

Step 1. Select Metal in column B

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

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

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

Mandatory fields are noted with an asterisk (*).

NOTE: A combination of Options A and B can be used to complete the Smelter List tab. Do not alter autopopulated cells. All errors in the Smelter Reference List should be reported to CFSI by contacting info@conflictreesmelter.org.



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Smelter Identification Number Input Column	Metal (*)	Smelter Reference List (*)	Smelter Name (*)	Smelter Country (*)	Smelter Identification	Source of Smelter Identification Number	Smelter Street	Smelter City	Smelter Facility Location: State / Province
	Gold	Advanced Chemical Company	Advanced Chemical Company	UNITED STATES OF AMERICA	CID000015	CFSI		Warwick	Rhode Island
	Gold	Aida Chemical Industries Co., Ltd.	Aida Chemical Industries Co., Ltd.	JAPAN	CID000019	CFSI		Fuchu	Tokyo
	Gold	Al Etihad Gold Refinery DMCC	Al Etihad Gold Refinery DMCC	UNITED ARAB EMIRATES	CID002560	CFSI		Dubai	Dubai
	Gold	Allgemeine Gold-und Silberscheideanstalt A.G.	Allgemeine Gold-und Silberscheideanstalt A.G.	GERMANY	CID000035	CFSI		Pforzheim	Baden-Württemberg
	Gold	Almalyk Mining and Metallurgical Complex (AMMC)	Almalyk Mining and Metallurgical Complex (AMMC)	UZBEKISTAN	CID000041	CFSI		Almalyk	Tashkent Province
	Gold	AngloGold Ashanti Córrego do Sítio Mineração	AngloGold Ashanti Córrego do Sítio Mineração	BRAZIL	CID000058	CFSI		Nova Lima	Minas Gerais
	Gold	Argor-Heraeus S.A.	Argor-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 AMERICA	CID000920	CFSI		Salt Lake City	Utah
	Gold	Asaka Riken Co., Ltd.	Asaka Riken Co., Ltd.	JAPAN	CID000090	CFSI		Tamura	Fukushima
	Gold	Atasay Kuyumculuk Sanayi Ve Ticaret A.S.	Atasay Kuyumculuk Sanayi Ve Ticaret A.S.	TURKEY	CID000103	CFSI		Istanbul	Istanbul Province
	Gold	Aurubis AG	Aurubis AG	GERMANY	CID000113	CFSI		Hamburg	Hamburg State
	Gold	Bangko Sentral ng Pilipinas (Central Bank of the Philippines)	Bangko Sentral ng Pilipinas (Central Bank of the Philippines)	PHILIPPINES	CID000128	CFSI		Quezon City	Manila
	Gold	Boliden AB	Boliden AB	SWEDEN	CID000157	CFSI		Skelleftehamn	Västerbotten
	Gold	C. Hafner GmbH + Co. KG	C. Hafner GmbH + Co. KG	GERMANY	CID000176	CFSI		Pforzheim	Baden-Württemberg
	Gold	Caridad	Caridad	MEXICO	CID000180	CFSI		Nacozari	Sonora
	Gold	CCR Refinery - Glencore Canada Corporation	CCR Refinery - Glencore Canada Corporation	CANADA	CID000185	CFSI		Montréal	Quebec
	Gold	Cendres + Métaux S.A.	Cendres + Métaux S.A.	SWITZERLAND	CID000189	CFSI		Biel-Bienne	Bern
	Gold	Chimet S.p.A.	Chimet S.p.A.	ITALY	CID000233	CFSI		Arezzo	Tuscany
	Gold	Chugai Mining	Chugai Mining	JAPAN	CID000264	CFSI		Chiyoda	Yunnan
	Gold	Daejin Indus Co., Ltd.	Daejin Indus Co., Ltd.	KOREA (REPUBLIC OF)	CID000328	CFSI		Namdong-gu	Incheon
	Gold	Daye Non-Ferrous Metals Mining Ltd.	Daye Non-Ferrous Metals Mining Ltd.	CHINA	CID000343	CFSI		Huangshi	Huabei
	Gold	DODUCO GmbH	DODUCO GmbH	GERMANY	CID000362	CFSI		Pforzheim	Baden-Württemberg
	Gold	Dowa	Dowa	JAPAN	CID000401	CFSI		Kosaka	Akita
	Gold	DSC (Do Sung Corporation)	DSC (Do Sung Corporation)	KOREA (REPUBLIC OF)	CID000359	CFSI		Gimpo	Gyeonggi
	Gold	Eco-System Recycling Co., Ltd.	Eco-System Recycling Co., Ltd.	JAPAN	CID000425	CFSI		Honjo	Saitama
	Gold	Elemental Refining, LLC	Elemental Refining, LLC	UNITED STATES OF AMERICA	CID001322	CFSI		Jackson	Ohio
	Gold	Emirates Gold DMCC	Emirates Gold DMCC	UNITED ARAB EMIRATES	CID002561	CFSI		Dubai	Dubai
	Gold	Fidelity Printers and Refiners Ltd.	Fidelity Printers and Refiners Ltd.	ZIMBABWE	CID002515	CFSI		Msasa	Harare
	Gold	Gansu Seemine Material Hi-Tech Co., Ltd.	Gansu Seemine Material Hi-Tech Co., Ltd.	CHINA	CID000522	CFSI		Lanzhou	Gansu
	Gold	Geib Refining Corporation	Geib Refining Corporation	UNITED STATES OF AMERICA	CID002459	CFSI		Warwick	Rhode Island
	Gold	Great Wall Precious Metals Co., Ltd. of CBPM	Great Wall Precious Metals Co., Ltd. of CBPM	CHINA	CID001909	CFSI		Chengdu	Sichuan

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	Gold	Guangdong Jinding Gold Limited	Guangdong Jinding Gold Limited	CHINA	CID002312	CFSI		Guangzhou	Guangdong
	Gold	Guoda Safina High-Tech Environmental Refinery Co., Ltd.	Guoda Safina High-Tech Environmental Refinery Co., Ltd.	CHINA	CID000651	CFSI		Zhaoyuan	Shandong
	Gold	Hangzhou Fuchunjiang Smelting Co., Ltd.	Hangzhou Fuchunjiang Smelting Co., Ltd.	CHINA	CID000671	CFSI		Fuyang	Zhejiang
	Gold	Heimerle + Meule GmbH	Heimerle + Meule GmbH	GERMANY	CID000694	CFSI		Pforzheim	Baden-Württemberg
	Gold	Heraeus Ltd. Hong Kong	Heraeus Ltd. Hong Kong	CHINA	CID000707	CFSI		Fanling	Hong Kong
	Gold	Heraeus Precious Metals GmbH & Co. KG	Heraeus Precious Metals GmbH & Co. KG	GERMANY	CID000711	CFSI		Hanau	Hesse
	Gold	Hunan Chenzhou Mining Co., Ltd.	Hunan Chenzhou Mining Co., Ltd.	CHINA	CID000767	CFSI		Yuanling	Hunan
	Gold	Hwasung CJ Co., Ltd.							
	Gold	Inner Mongolia Qiankun Gold and Silver Refinery Share Co., Ltd.	Inner Mongolia Qiankun Gold and Silver Refinery Share Co., Ltd.	CHINA	CID000801	CFSI		Hohhot	Inner Mongolia
	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	Japan Mint	Japan Mint	JAPAN	CID000823	CFSI		Osaka	Kansai
	Gold	Jiangxi Copper Co., Ltd.	Jiangxi Copper Co., Ltd.	CHINA	CID000855	CFSI		Guixi City	Jiangxi
	Gold	JSC Ekaterinburg Non-Ferrous Metal Processing Plant	JSC Ekaterinburg Non-Ferrous Metal Processing Plant	RUSSIAN FEDERATION	CID000927	CFSI		Verkhnyaya Pyshma	Sverdlovsk
	Gold	JSC Uralelectromed	JSC Uralelectromed	RUSSIAN FEDERATION	CID000929	CFSI		Verkhnyaya Pyshma	Sverdlovsk
	Gold	JX Nippon Mining & Metals Co., Ltd.	JX Nippon Mining & Metals Co., Ltd.	JAPAN	CID000937	CFSI		Ōita	Ōita
	Gold	Kazakhmys Smelting LLC	Kazakhmys Smelting LLC	KAZAKHSTAN	CID000956	CFSI		Balkhash	Karaganda Region
	Gold	Kazzinc	Kazzinc	KAZAKHSTAN	CID000957	CFSI		Ust-Kamenogorsk	East Kazakhstan
	Gold	Kennecott Utah Copper LLC	Kennecott Utah Copper LLC	UNITED STATES OF AMERICA	CID000969	CFSI		Magna	Utah
	Gold	KGHM Polska Miedź Spółka Akcyjna	KGHM Polska Miedź Spółka Akcyjna	POLAND	CID002511	CFSI		Lubin	Lower Silesian Voivodeship
	Gold	Kojima Chemicals Co., Ltd.	Kojima Chemicals Co., Ltd.	JAPAN	CID000981	CFSI		Sayama	Saitama
	Gold	Kyrgyzaltyn JSC	Kyrgyzaltyn JSC	KYRGYZSTAN	CID001029	CFSI		Bishkek	Chuy Province
	Gold	L'azurde Company For Jewelry	L'azurde Company For Jewelry	SAUDI ARABIA	CID001032	CFSI		Riyadh	Riyadh Province
	Gold	Lingbao Gold Co., Ltd.	Lingbao Gold Co., Ltd.	CHINA	CID001056	CFSI		Lingbao	Henan
	Gold	Lingbao Jinyuan Tonghui Refinery Co., Ltd.	Lingbao Jinyuan Tonghui Refinery Co., Ltd.	CHINA	CID001058	CFSI		Lingbao	Henan
	Gold	LS-NIKKO Copper Inc.	LS-NIKKO Copper Inc.	KOREA (REPUBLIC OF)	CID001078	CFSI		Onsan-eup	Ulsan
	Gold	Luoyang Zijin Yinhui Gold Refinery Co., Ltd.	Luoyang Zijin Yinhui Gold Refinery Co., Ltd.	CHINA	CID001093	CFSI		Luoyang	Henan
	Gold	Materion	Materion	UNITED STATES OF AMERICA	CID001113	CFSI		Buffalo	New York
	Gold	Matsuda Sangyo Co., Ltd.	Matsuda Sangyo Co., Ltd.	JAPAN	CID001119	CFSI		Iruma	Saitama
	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	Singapore
	Gold	Metalor Technologies (Suzhou) Ltd.	Metalor Technologies (Suzhou) Ltd.	CHINA	CID001147	CFSI		Suzhou Industrial Park	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 AMERICA	CID001157	CFSI		North Attleboro	Massachusetts
	Gold	Metalúrgica Met-Mex Peñoles S.A. De C.V.	Metalúrgica Met-Mex Peñoles S.A. De C.V.	MEXICO	CID001161	CFSI		Torreon	Coahuila
	Gold	Mitsubishi Materials Corporation	Mitsubishi Materials Corporation	JAPAN	CID001188	CFSI		Naoshima	Kagawa
	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	Moscow Special Alloys Processing Plant	Moscow Special Alloys Processing Plant	RUSSIAN FEDERATION	CID001204	CFSI		Obrucheva	Moscow Region
	Gold	Nadir Metal Rafineri San. Ve Tic. A.Ş.	Nadir Metal Rafineri San. Ve Tic. A.Ş.	TURKEY	CID001220	CFSI		Bahçelievler	Istanbul
	Gold	Navoi Mining and Metallurgical Combinat	Navoi Mining and Metallurgical Combinat	UZBEKISTAN	CID001236	CFSI		Navoi	Navoi Province
	Gold	Nihon Material Co., Ltd.	Nihon Material Co., Ltd.	JAPAN	CID001259	CFSI		Noda	Chiba
	Gold	Ögussa Österreichische Gold- und Silber-Scheideanstalt	Ögussa Österreichische Gold- und Silber-Scheideanstalt GmbH	AUSTRIA	CID002779	CFSI		Vienna	Vienna

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	Gold	Ohura Precious Metal Industry Co., Ltd.	Ohura Precious Metal Industry Co., Ltd.	JAPAN	CID001325	CFSI		Nara-shi	Nara
	Gold	OJSC "The Gulidov Krasnoyarsk Non-Ferrous Metals Plant"	OJSC "The Gulidov Krasnoyarsk Non-Ferrous Metals Plant" (OJSC Krastsvetmet)	RUSSIAN FEDERATION	CID001326	CFSI		Krasnoyarsk	Krasnoyarsk Krai
	Gold	OJSC Novosibirsk Refinery	OJSC Novosibirsk Refinery	RUSSIAN FEDERATION	CID000493	CFSI		Novosibirsk	Novosibirsk Province
	Gold	PAMP S.A.	PAMP S.A.	SWITZERLAND	CID001352	CFSI		Castel San Pietro	Ticino
	Gold	Penglai Penggang Gold Industry Co., Ltd.	Penglai Penggang Gold Industry Co., Ltd.	CHINA	CID001362	CFSI		Penglai	Shandong
	Gold	Prioksky Plant of Non-Ferrous Metals	Prioksky Plant of Non-Ferrous Metals	RUSSIAN FEDERATION	CID001386	CFSI		Kasimov	Ryazan
	Gold	PT Aneka Tambang (Persero) Tbk	PT Aneka Tambang (Persero) Tbk	INDONESIA	CID001397	CFSI		Jakarta	Java
	Gold	PX Précinox S.A.	PX Précinox 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	Republic Metals Corporation	Republic Metals Corporation	UNITED STATES OF AMERICA	CID002510	CFSI		Miami	Florida
	Gold	Royal Canadian Mint	Royal Canadian Mint	CANADA	CID001534	CFSI		Ottawa	Ontario
	Gold	Sabin Metal Corp.	Sabin Metal Corp.	UNITED STATES OF AMERICA	CID001546	CFSI		Williston	North Dakota
	Gold	Samduck Precious Metals	Samduck Precious Metals	KOREA (REPUBLIC OF)	CID001555	CFSI		Namdong	Incheon
	Gold	SAMWON Metals Corp.	Samwon Metals Corp.	KOREA (REPUBLIC OF)	CID001562	CFSI		Changwon	Gyeongsangnam
	Gold	SAXONIA Edelmetalle GmbH	SAXONIA Edelmetalle GmbH	GERMANY	CID002777	CFSI		Halsbrücke	Saxony
	Gold	Schone Edelmetaal B.V.	Schone Edelmetaal B.V.	NETHERLANDS	CID001573	CFSI		Amsterdam	North Holland
	Gold	SEMPSA Joyeria Plateria S.A.	SEMPSA Joyeria Plateria S.A.	SPAIN	CID001585	CFSI		Madrid	Community of Madrid
	Gold	Shandong Tiancheng Biological Gold Industrial Co., Ltd.	Shandong Tiancheng Biological Gold Industrial Co., Ltd.	CHINA	CID001619	CFSI		Laizhou	Yantai
	Gold	Shandong Zhaojin Gold & Silver Refinery Co., Ltd.	Shandong Zhaojin Gold & Silver Refinery Co., Ltd.	CHINA	CID001622	CFSI		Zhaoyuan	Shandong
	Gold	Sichuan Tianze Precious Metals Co., Ltd.	Sichuan Tianze Precious Metals Co., Ltd.	CHINA	CID001736	CFSI		Chengdu	Sichuan
	Gold	Singway Technology Co., Ltd.	Singway Technology Co., Ltd.	TAIWAN, PROVINCE OF CHINA	CID002516	CFSI		Dayuan	Taoyuan
	Gold	So Accurate Group, Inc.	So Accurate Group, Inc.	UNITED STATES OF AMERICA	CID001754	CFSI		Long Island City	New York
	Gold	SOE Shyolkovsky Factory of Secondary Precious Metals	SOE Shyolkovsky Factory of Secondary Precious Metals	RUSSIAN FEDERATION	CID001756	CFSI		Shyolkovo	Moscow Region
	Gold	Solar Applied Materials Technology Corp.	Solar Applied Materials Technology Corp.	TAIWAN, PROVINCE OF CHINA	CID001761	CFSI		Tainan City	Taiwan
	Gold	Sumitomo Metal Mining Co., Ltd.	Sumitomo Metal Mining Co., Ltd.	JAPAN	CID001798	CFSI		Saijo	Ehime
	Gold	T.C.A S.p.A	T.C.A S.p.A	ITALY	CID002580	CFSI		Capolona	Tuscany
	Gold	Tanaka Kikinzoku Kogyo K.K.	Tanaka Kikinzoku Kogyo K.K.	JAPAN	CID001875	CFSI		Hiratsuka	Kanagawa
	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	Torecom	Torecom	KOREA (REPUBLIC OF)	CID001955	CFSI		Asan	Chungcheong
	Gold	Umicore Brasil Ltda.	Umicore Brasil Ltda.	BRAZIL	CID001977	CFSI		Guarulhos	São Paulo
	Gold	Umicore Precious Metals Thailand	Umicore Precious Metals Thailand	THAILAND	CID002314	CFSI		Dokmai	Pravet
	Gold	Umicore S.A. Business Unit Precious Metals Refining	Umicore S.A. Business Unit Precious Metals Refining	BELGIUM	CID001980	CFSI		Hoboken	Antwerp
	Gold	United Precious Metal Refining, Inc.	United Precious Metal Refining, Inc.	UNITED STATES OF AMERICA	CID001993	CFSI		Alden	New York
	Gold	Valcambi S.A.	Valcambi S.A.	SWITZERLAND	CID002003	CFSI		Balerna	Ticino
	Gold	Western Australian Mint trading as The Perth Mint	Western Australian Mint trading as The Perth Mint	AUSTRALIA	CID002030	CFSI		Newburn	Western Australia
	Gold	WIELAND Edelmetalle GmbH	WIELAND Edelmetalle GmbH	GERMANY	CID002778	CFSI		Pforzheim	Baden-Württemberg
	Gold	Yamamoto Precious Metal Co., Ltd.	Yamamoto Precious Metal Co., Ltd.	JAPAN	CID002100	CFSI		Osaka	Kansai
	Gold	Yokohama Metal Co., Ltd.	Yokohama Metal Co., Ltd.	JAPAN	CID002129	CFSI		Sagamihara	Kanagawa
	Gold	Zhongyuan Gold Smelter of Zhongjin Gold Corporation	Zhongyuan Gold Smelter of Zhongjin Gold Corporation	CHINA	CID002224	CFSI		Sanmenxia	Henan

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	Gold	Zijin Mining Group Co., Ltd. Gold Refinery	Zijin Mining Group Co., Ltd. Gold Refinery	CHINA	CID002243	CFSI		Shanghang	Fujian
	Tantalum	Changsha South Tantalum Niobium Co., Ltd.	Changsha South Tantalum Niobium Co., Ltd.	CHINA	CID000211	CFSI		Changsha	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 AMERICA	CID002504	CFSI		Gastonia	North Carolina
	Tantalum	Duoluoshan	Duoluoshan	CHINA	CID000410	CFSI		Sihui City	Guangdong
	Tantalum	Exotech Inc.	Exotech Inc.	UNITED STATES OF AMERICA	CID000456	CFSI		Pompano Beach	Florida
	Tantalum	F&X Electro-Materials Ltd.	F&X Electro-Materials Ltd.	CHINA	CID000460	CFSI		Jiangmen	Guangdong
	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 AMERICA	CID002557	CFSI		Boyertown	Pennsylvania
	Tantalum	Guangdong Zhiyuan New Material Co., Ltd.	Guangdong Zhiyuan New Material Co., Ltd.	CHINA	CID000616	CFSI		Yingde	Guangdong
	Tantalum	H.C. Starck Co., Ltd.	H.C. Starck Co., Ltd.	THAILAND	CID002544	CFSI		Map Ta Phut	Rayong
	Tantalum	H.C. Starck GmbH Goslar	H.C. Starck GmbH Goslar	GERMANY	CID002545	CFSI		Goslar	Lower Saxony
	Tantalum	H.C. Starck GmbH Laufenburg	H.C. Starck GmbH Laufenburg	GERMANY	CID002546	CFSI		Laufenburg	Baden-Württemberg
	Tantalum	H.C. Starck Hermsdorf GmbH	H.C. Starck Hermsdorf GmbH	GERMANY	CID002547	CFSI		Hermsdorf	Thuringia
	Tantalum	H.C. Starck Inc.	H.C. Starck Inc.	UNITED STATES OF AMERICA	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	Hengyang King Xing Lifeng New Materials Co., Ltd.	Hengyang King Xing Lifeng New Materials Co., Ltd.	CHINA	CID002492	CFSI		Hengyang	Hunan
	Tantalum	Hi-Temp Specialty Metals, Inc.	Hi-Temp Specialty Metals, Inc.	UNITED STATES OF AMERICA	CID000731	CFSI		Yaphank	New York
	Tantalum	Jiangxi Dinghai Tantalum & Niobium Co., Ltd.	Jiangxi Dinghai Tantalum & Niobium Co., Ltd.	CHINA	CID002512	CFSI		Fengxin	Jiangxi
	Tantalum	Jiujiang JinXin Nonferrous Metals Co., Ltd.	Jiujiang JinXin Nonferrous Metals Co., Ltd.	CHINA	CID000914	CFSI		Jiujiang	Jiangxi
	Tantalum	Jiujiang Tanbre Co., Ltd.	Jiujiang Tanbre Co., Ltd.	CHINA	CID000917	CFSI		Jiujiang	Jiangxi
	Tantalum	Jiujiang Zhongao Tantalum & Niobium Co., Ltd.	Jiujiang Zhongao Tantalum & Niobium Co., Ltd.	CHINA	CID002506	CFSI		Jiujiang	Jiangxi
	Tantalum	KEMET Blue Metals	KEMET Blue Metals	MEXICO	CID002539	CFSI		Matamoros	Tamaulipas
	Tantalum	KEMET Blue Powder	KEMET Blue Powder	UNITED STATES OF AMERICA	CID002568	CFSI		Mound House	Nevada
	Tantalum	King-Tan Tantalum Industry Ltd.	King-Tan Tantalum Industry Ltd.	CHINA	CID000973	CFSI		Yifeng	Jiangxi
	Tantalum	LSM Brasil S.A.	LSM Brasil S.A.	BRAZIL	CID001076	CFSI		São João del Rei	Minas Gerais
	Tantalum	Metallurgical Products India Pvt., Ltd.	Metallurgical Products India Pvt., Ltd.	INDIA	CID001163	CFSI		District Raigad	Maharashtra
	Tantalum	Mineração Taboca S.A.	Mineração Taboca S.A.	BRAZIL	CID001175	CFSI		Presidente Figueiredo	Amazonas
	Tantalum	Mitsui Mining & Smelting	Mitsui Mining & Smelting	JAPAN	CID001192	CFSI		Omuta	Fukuoka
	Tantalum	Molycorp Silmet A.S.	Molycorp Silmet A.S.	ESTONIA	CID001200	CFSI		Sillamäe	Ida-Virumaa
	Tantalum	Ningxia Orient Tantalum Industry Co., Ltd.	Ningxia Orient Tantalum Industry Co., Ltd.	CHINA	CID001277	CFSI		Shizuishan City	Ningxia
	Tantalum	Plansee SE Liezen	Plansee SE Liezen	AUSTRIA	CID002540	CFSI		Liezen	Styria
	Tantalum	Plansee SE Reutte	Plansee SE Reutte	AUSTRIA	CID002556	CFSI		Reutte	Tyrol
	Tantalum	QuantumClean	QuantumClean	UNITED STATES OF AMERICA	CID001508	CFSI		Fremont	California
	Tantalum	Resind Indústria e Comércio Ltda.	Resind Indústria e Comércio Ltda.	BRAZIL	CID002707	CFSI		São João del Rei	Minas gerais
	Tantalum	RFH Tantalum Smeltry Co., Ltd.	RFH Tantalum Smeltry Co., Ltd.	CHINA	CID001522	CFSI		Zhuzhou	Hunan
	Tantalum	Solikamsk Magnesium Works OAO	Solikamsk Magnesium Works OAO	RUSSIAN FEDERATION	CID001769	CFSI		Solikamsk	Perm Krai
	Tantalum	Taki Chemicals	Taki Chemical Co., Ltd.	JAPAN	CID001869	CFSI		Harima	Hyogo
	Tantalum	Telex Metals	Telex Metals	UNITED STATES OF AMERICA	CID001891	CFSI		Croydon	Pennsylvania
	Tantalum	Tranzact, Inc.	Tranzact, Inc.	UNITED STATES OF AMERICA	CID002571	CFSI		Lancaster	Pennsylvania

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	Tantalum	Ulba Metallurgical Plant JSC	Ulba Metallurgical Plant JSC	KAZAKHSTAN	CID001969	CFSI		Ust-Kamenogorsk	East Kazakhstan
	Tantalum	XinXing HaoRong Electronic Material Co., Ltd.	XinXing HaoRong Electronic Material Co., Ltd.	CHINA	CID002508	CFSI		YunFu City	Guangdong
	Tantalum	Yichun Jin Yang Rare Metal Co., Ltd.	Yichun Jin Yang Rare Metal Co., Ltd.	CHINA	CID002307	CFSI		Yifeng	Jiangxi
	Tantalum	Zhuzhou Cemented Carbide Group Co., Ltd.	Zhuzhou Cemented Carbide Group Co., Ltd.	CHINA	CID002232	CFSI		Zhuzhou	Hunan
	Tin	Alpha	Alpha	UNITED STATES OF AMERICA	CID000292	CFSI		Altoona	Pennsylvania
	Tin	An Vinh Joint Stock Mineral Processing Company	An Vinh Joint Stock Mineral Processing Company	VIET NAM	CID002703	CFSI		Quy Hop	Nghe An
	Tin	China Tin Group Co., Ltd.	China Tin Group Co., Ltd.	CHINA	CID001070	CFSI		Laibin	Guangxi
	Tin	CNMC (Guangxi) PGMA Co., Ltd.	CNMC (Guangxi) PGMA Co., Ltd.	CHINA	CID000278	CFSI		Hezhou	Guangxi
	Tin	Cooperativa Metalurgica de Rondônia Ltda.	Cooperativa Metalurgica de Rondônia Ltda.	BRAZIL	CID000295	CFSI		Ariquemes	Rondonia
	Tin	CV Ayi Jaya	CV Ayi Jaya	INDONESIA	CID002570	CFSI		Sungailiat	Bangka
	Tin	CV Dua Sekawan	CV Dua Sekawan	INDONESIA	CID002592	CFSI		Pangkal Pinang	Bangka
	Tin	CV Gita Pesona	CV Gita Pesona	INDONESIA	CID000306	CFSI		Sungailiat	Bangka
	Tin	CV Serumpun Sebalai	CV Serumpun Sebalai	INDONESIA	CID000313	CFSI		Pangkalan	Bangka
	Tin	CV United Smelting	CV United Smelting	INDONESIA	CID000315	CFSI		Pangkal Pinang	Bangka
	Tin	CV Venus Inti Perkasa	CV Venus Inti Perkasa	INDONESIA	CID002455	CFSI		Pangkal Pinang	Bangka
	Tin	Dowa	Dowa	JAPAN	CID000402	CFSI		Kosaka	Akita
	Tin	Electro-Mechanical Facility of the Cao Bang Minerals & Metallurgy Joint Stock Company	Electro-Mechanical Facility of the Cao Bang Minerals & Metallurgy Joint Stock Company	VIET NAM	CID002572	CFSI		Tinh Tuc	Cao Bang
	Tin	Elmet S.L.U.	Elmet S.L.U.	SPAIN	CID002774	CFSI		Berango	Vizcaya
	Tin	EM Vinto	EM Vinto	BOLIVIA (PLURINATIONAL STATE OF)	CID000438	CFSI		Oruro	Cercado
	Tin	Estanho de Rondônia S.A.	Estanho de Rondônia S.A.	BRAZIL	CID000448	CFSI		Ariquemes	Rondonia
	Tin	Fenix Metals	Fenix Metals	POLAND	CID000468	CFSI		Chmielów	Subcarpathian Voivodeship
	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 Zili Mining And Metallurgy Co., Ltd.	Gejiu Zili Mining And Metallurgy Co., Ltd.	CHINA	CID000555	CFSI		Gejiu	Yunnan
	Tin	Huichang Jinshunda Tin Co., Ltd.	Huichang Jinshunda Tin Co., Ltd.	CHINA	CID000760	CFSI		Ganzhou	Jiangxi
	Tin	Jiangxi Ketai Advanced Material Co., Ltd.	Jiangxi Ketai Advanced Material Co., Ltd.	CHINA	CID000244	CFSI		Yichun	Jiangxi
	Tin	Magnu's Mineraias Metais e Ligas Ltda.	Magnu's Mineraias Metais e Ligas Ltda.	BRAZIL	CID002468	CFSI		São João del Rei	Minas Gerais
	Tin	Malaysia Smelting Corporation (MSC)	Malaysia Smelting Corporation (MSC)	MALAYSIA	CID001105	CFSI		Butterworth	Penang
	Tin	Melt Metais e Ligas S.A.	Melt Metais e Ligas S.A.	BRAZIL	CID002500	CFSI		Ariquemes	Rondonia
	Tin	Metallic Resources, Inc.	Metallic Resources, Inc.	UNITED STATES OF AMERICA	CID001142	CFSI		Twinsburg	Ohio
	Tin	Metallo-Chimique N.V.	Metallo-Chimique N.V.	BELGIUM	CID002773	CFSI		Beerse	Antwerp
	Tin	Mineração Taboca S.A.	Mineração Taboca S.A.	BRAZIL	CID001173	CFSI		Bairro Guarapiranga	São Paulo
	Tin	Minsur	Minsur	PERU	CID001182	CFSI		Paracas	Ica
	Tin	Mitsubishi Materials Corporation	Mitsubishi Materials Corporation	JAPAN	CID001191	CFSI		Asago	Hyogo
	Tin	Nankang Nanshan Tin Manufactory Co., Ltd.	Nankang Nanshan Tin Manufactory Co., Ltd.	CHINA	CID001231	CFSI		Ganzhou	Jiangxi
	Tin	Nghe Tinh Non-Ferrous Metals Joint Stock Company	Nghe Tinh Non-Ferrous Metals Joint Stock Company	VIET NAM	CID002573	CFSI		Quy Hop	Nghe An
	Tin	O.M. Manufacturing (Thailand) Co., Ltd.	O.M. Manufacturing (Thailand) Co., Ltd.	THAILAND	CID001314	CFSI		Nongkham Sriracha	Chonburi
	Tin	O.M. Manufacturing Philippines, Inc.	O.M. Manufacturing Philippines, Inc.	PHILIPPINES	CID002517	CFSI		Cavite Economic Zone	Rosario Cavite
	Tin	Operaciones Metalurgical S.A.	Operaciones Metalurgical S.A.	BOLIVIA (PLURINATIONAL STATE OF)	CID001337	CFSI		Oruro	Cercado
	Tin	Phoenix Metal Ltd.	Phoenix Metal Ltd.	RWANDA	CID002507	CFSI		Jabana	Kigali

Smelter Identification Number Input Column	Metal (*)	Smelter Reference List (*)	Smelter Name (*)	Smelter Country (*)	Smelter Identification	Source of Smelter Identification Number	Smelter Street	Smelter City	Smelter Facility Location: State / Province
	Tin	PT Aries Kencana Sejahtera	PT Aries Kencana Sejahtera	INDONESIA	CID000309	CFSI		Pemali	Bangka
	Tin	PT Artha Cipta Langgeng	PT Artha Cipta Langgeng	INDONESIA	CID001399	CFSI		Sungailiat	Bangka
	Tin	PT ATD Makmur Mandiri Jaya	PT ATD Makmur Mandiri Jaya	INDONESIA	CID002503	CFSI		Sungailiat	Bangka
	Tin	PT Babel Inti Perkasa	PT Babel Inti Perkasa	INDONESIA	CID001402	CFSI		Lintang	Bangka
	Tin	PT Bangka Prima Tin	PT Bangka Prima Tin	INDONESIA	CID002776	CFSI		Kabupaten	Bangka
	Tin	PT Bangka Tin Industry	PT Bangka Tin Industry	INDONESIA	CID001419	CFSI		Sungailiat	Bangka
	Tin	PT Belitung Industri Sejahtera	PT Belitung Industri Sejahtera	INDONESIA	CID001421	CFSI		Pangkal Pinang	Bangka
	Tin	PT Bukit Timah	PT Bukit Timah	INDONESIA	CID001428	CFSI		Pangkal Pinang	Bangka
	Tin	PT Cipta Persada Mulia	PT Cipta Persada Mulia	INDONESIA	CID002696	CFSI		Pangkal Pinang	Bangka
	Tin	PT DS Jaya Abadi	PT DS Jaya Abadi	INDONESIA	CID001434	CFSI		Pangkal Pinang	Bangka
	Tin	PT Eunindo Usaha Mandiri	PT Eunindo Usaha Mandiri	INDONESIA	CID001438	CFSI		Karimun	Kepulauan Riau
	Tin	PT Inti Stania Prima	PT Inti Stania Prima	INDONESIA	CID002530	CFSI		Sungailiat	Bangka
	Tin	PT Justindo	PT Justindo	INDONESIA	CID000307	CFSI		Kabupaten	Bangka
	Tin	PT Karimun Mining	PT Karimun Mining	INDONESIA	CID001448	CFSI		Karimun	Kepulauan Riau
	Tin	PT Mitra Stania Prima	PT Mitra Stania Prima	INDONESIA	CID001453	CFSI		Sungailiat	Bangka
	Tin	PT Panca Mega Persada	PT Panca Mega Persada	INDONESIA	CID001457	CFSI		Sungailiat	Bangka
	Tin	PT Prima Timah Utama	PT Prima Timah Utama	INDONESIA	CID001458	CFSI		Pangkal Pinang	Bangka
	Tin	PT Refined Bangka Tin	PT Refined Bangka Tin	INDONESIA	CID001460	CFSI		Sungailiat	Bangka
	Tin	PT Sariwiguna Binasentosa	PT Sariwiguna Binasentosa	INDONESIA	CID001463	CFSI		Pangkal Pinang	Bangka
	Tin	PT Stanindo Inti Perkasa	PT Stanindo Inti Perkasa	INDONESIA	CID001468	CFSI		Pangkal Pinang	Bangka
	Tin	PT Sukses Inti Makmur	PT Sukses Inti Makmur	INDONESIA	CID002816	CFSI		Kabupaten	Bangka
	Tin	PT Sumber Jaya Indah	PT Sumber Jaya Indah	INDONESIA	CID001471	CFSI		Pangkal Pinang	Bangka
	Tin	PT Timah (Persero) Tbk Kundur	PT Timah (Persero) Tbk Kundur	INDONESIA	CID001477	CFSI		Kundur	Riau Islands
	Tin	PT Timah (Persero) Tbk Mentok	PT Timah (Persero) Tbk Mentok	INDONESIA	CID001482	CFSI		Mentok	Bangka
	Tin	PT Tinindo Inter Nusa	PT Tinindo Inter Nusa	INDONESIA	CID001490	CFSI		Pangkal Pinang	Bangka
	Tin	PT Tommy Utama	PT Tommy Utama	INDONESIA	CID001493	CFSI		Sumping Desa Batu Peyu	Belitung
	Tin	PT Wahana Perkit Jaya	PT Wahana Perkit Jaya	INDONESIA	CID002479	CFSI		Topang Island	Riau Province
	Tin	Resind Indústria e Comércio Ltda.	Resind Indústria e Comércio Ltda.	BRAZIL	CID002706	CFSI		São João del Rei	Minas gerais
	Tin	Rui Da Hung	Rui Da Hung	TAIWAN, PROVINCE OF CHINA	CID001539	CFSI		Longtan Shiang Taoyuang	Taiwan
	Tin	Soft Metais Ltda.	Soft Metais Ltda.	BRAZIL	CID001758	CFSI		Bebedouro	São Paulo
	Tin	Thaisarco	Thaisarco	THAILAND	CID001898	CFSI		Amphur Muang	Phuket
	Tin	Tuyen Quang Non-Ferrous Metals Joint Stock Company	Tuyen Quang Non-Ferrous Metals Joint Stock Company	VIET NAM	CID002574	CFSI		Tan Quang	Tuyen Quang
	Tin	VQB Mineral and Trading Group JSC	VQB Mineral and Trading Group JSC	VIET NAM	CID002015	CFSI		Nguyen Van Ngoc	Hanoi
	Tin	White Solder Metalurgia e Mineração Ltda.	White Solder Metalurgia e Mineração Ltda.	BRAZIL	CID002036	CFSI		Ariquemes	Rondonia
	Tin	Yunnan Chengfeng Non-ferrous Metals Co., Ltd.	Yunnan Chengfeng Non-ferrous Metals Co., Ltd.	CHINA	CID002158	CFSI		Gejiu	Yunnan
	Tin	Yunnan Tin Company Limited	Yunnan Tin Company Limited	CHINA	CID002180	CFSI		Gejiu	Yunnan
	Tungsten	A.L.M.T. TUNGSTEN Corp.	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
	Tungsten	Chenzhou Diamond Tungsten Products Co., Ltd.	Chenzhou Diamond Tungsten Products Co., Ltd.	CHINA	CID002513	CFSI		Chenzhou	Hunan
	Tungsten	Chongyi Zhangyuan Tungsten Co., Ltd.	Chongyi Zhangyuan Tungsten Co., Ltd.	CHINA	CID000258	CFSI		Ganzhou	Jiangxi
	Tungsten	Dayu Weiliang Tungsten Co., Ltd.	Dayu Weiliang Tungsten Co., Ltd.	CHINA	CID000345	CFSI		Ganzhou	Jiangxi
	Tungsten	Fujian Jinxin Tungsten Co., Ltd.	Fujian Jinxin Tungsten Co., Ltd.	CHINA	CID000499	CFSI		Yanshi	Fujian
	Tungsten	Ganzhou Huaxing Tungsten Products Co., Ltd.	Ganzhou Huaxing Tungsten Products Co., Ltd.	CHINA	CID000875	CFSI		Ganzhou	Jiangxi
	Tungsten	Ganzhou Jiangwu Ferrotungsten Co., Ltd.	Ganzhou Jiangwu Ferrotungsten Co., Ltd.	CHINA	CID002315	CFSI		Ganzhou	Jiangxi
	Tungsten	Ganzhou Seadragon W & Mo Co., Ltd.	Ganzhou Seadragon W & Mo Co., Ltd.	CHINA	CID002494	CFSI		Ganzhou	Jiangxi



Required Fields	Answer provided	Notes	Hyperlink to source
Company Name (*):	Inovonics	Complete	
Declaration Scope or Class (*):	A. Company	Complete	
Description of Scope:		Complete	
Contact Name (*):	Corey Leavitt	Complete	
Email – Contact (*):	cleavitt@inovonics.com	Complete	
Phone – Contact (*):	303-209-7143	Complete	
Authorizer (*):	Corey Leavitt	Complete	
Email - Authorizer (*):	cleavitt@inovonics.com	Complete	
Phone - Authorizer (*):	303-209-7143	Complete	
Effective Date (*):	22-Mar-2017	Complete	
1) Is the 3TG intentionally added to your product? (*)			
Tantalum (*)	Yes	Complete	
Tin (*)	Yes	Complete	
Gold (*)	Yes	Complete	
Tungsten (*)	Yes	Complete	
2) Is the 3TG necessary to the production of your company's products and contained in the finished product that your company manufactures or contracts to manufacture? (*)			
Tantalum (*)	Yes	Complete	
Tin (*)	Yes	Complete	
Gold (*)	Yes	Complete	
Tungsten (*)	Yes	Complete	
3) Do any of the smelters in your supply chain source the 3TG from the covered countries? (SEC term, see definitions tab) (*)			
Tantalum (*)	Yes	Complete	
Tin (*)	Yes	Complete	
Gold (*)	Unknown	Complete	
Tungsten (*)	Yes	Complete	
4) Does 100 percent of the 3TG (necessary to the functionality or production of your products) originate from recycled or scrap sources? (*)			
Tantalum (*)	No	Complete	
Tin (*)	No	Complete	
Gold (*)	No	Complete	
Tungsten (*)	No	Complete	
5) Have you received data/information for each 3TG from all relevant suppliers? (*)			
Tantalum (*)	No, but greater than 25%	Complete	
Tin (*)	No, but greater than 25%	Complete	
Gold (*)	No, but greater than 25%	Complete	
Tungsten (*)	No, but greater than 25%	Complete	
6) Have you identified all of the smelters supplying the 3TG to your supply chain? (*)			
Tantalum (*)	No	Complete	
Tin (*)	No	Complete	
Gold (*)	No	Complete	
Tungsten (*)	No	Complete	
7) Has all applicable smelter information received by your company been reported in this declaration? (*)			
Tantalum (*)	Yes	Complete	
Tin (*)	Yes	Complete	
Gold (*)	Yes	Complete	
Tungsten (*)	Yes	Complete	
Question			
A. Do you have a policy in place that addresses conflict minerals sourcing? (*)	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.roperotech.com/conflict-minerals	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? (*)	No	Complete	
E. Have you implemented due diligence measures for conflict-free sourcing? (*)	Yes	Complete	
F. Do you collect conflict minerals due diligence information from your suppliers which is in conformance with the IPC-1755 Conflict Minerals Data Exchange standard [e.g., the CFSI Conflict Minerals Reporting Template]? (*)	Yes	Complete	
G. Do you request smelter names from your suppliers? (*)	Yes	Complete	
H. Do you review due diligence information received from your suppliers against your company's expectations? (*)	Yes	Complete	
I. Does your review process include corrective action management? (*)	Yes	Complete	
J. Are you subject to the SEC Conflict Minerals rule? (*)	Yes	Complete	
Product List	No products or item numbers listed	Complete	
Smelter List - Tantalum		Complete	Please answer Questions 1 and 2 on Declaration tab
Smelter List - Tin		Complete	Please answer Questions 1 and 2 on Declaration tab
Smelter List - Gold		Complete	Please answer Questions 1 and 2 on Declaration tab
Smelter List - Tungsten		Complete	Please answer Questions 1 and 2 on Declaration tab
All rows with "Smelter not listed" selected, have a name and country listed		N/A	Please complete columns D & E on Smelter List for all rows "Smelter Not Listed" selected in column C

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

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

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

Column C is the list of the official standard smelter names, under:

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

Gold	DODUCO GmbH
Gold	Dosung metal
Gold	Dowa
Gold	Dowa Kogyo k.k.
Gold	Dowa Metalmine Co. Ltd
Gold	Dowa Metals & Mining Co. Ltd
Gold	DSC (Do Sung Corporation)
Gold	Eco-System Recycling Co., Ltd.
Gold	Elemetal Refining, LLC
Gold	Emirates Gold DMCC
Gold	Fidelity Printers and Refiners Ltd.
Gold	FSE Novosibirsk Refinery
Gold	Fujian Zijin mining stock company gold smelter
Gold	Gansu Seemine Material Hi-Tech Co., Ltd.
Gold	Geib Refining Corporation
Gold	Gold Mining in Shandong (Laizhou) Limited Company
Gold	Great Wall Precious Metals Co., LTD.
Gold	Great Wall Precious Metals Co., Ltd. of CBPM
Gold	Guangdong Gaoyao Co
Gold	Guangdong Jinding Gold Limited
Gold	Gujarat Gold Centre
Gold	Guoda Safina High-Tech Environmental Refinery Co., Ltd.
Gold	Hangzhou Fuchunjiang Smelting Co., Ltd.
Gold	Heimerle + Meule GmbH
Gold	Henan Zhongyuan Gold Refinery Co., Ltd.
Gold	Henan Zhongyuan Gold Smelter of Zhongjin Gold Co. Ltd.
Gold	Henan Zhongyuan Gold Smelter of Zhongjin Gold Corporation Limited
Gold	Heraeus Ltd. Hong Kong
Gold	Heraeus Precious Metals GmbH & Co. KG
Gold	Hunan Chenzhou Mining Co., Ltd.
Gold	Hunan Chenzhou Mining Group Co., Ltd.
Gold	Hunan Chenzhou Mining Industry Co. Ltd.
Gold	HwaSeong CJ Co., Ltd.
Gold	Inner Mongolia Qiankun Gold and Silver Refinery Share Co., Ltd.
Gold	Ishifuku Metal Industry Co., Ltd.
Gold	Istanbul Gold Refinery
Gold	Japan Mint
Gold	JCC
Gold	Jiangxi Copper Co., Ltd.
Gold	Johnson Matthey Canada
Gold	Johnson Matthey Inc.
Gold	Johnson Matthey Inc. (USA)
Gold	Johnson Matthey Limited
Gold	JSC Ekaterinburg Non-Ferrous Metal Processing Plant
Gold	JSC Uralelectromed
Gold	JX Nippon Mining & Metals Co., Ltd.
Gold	Kaloti Precious Metals
Gold	Kazakhmys Smelting LLC
Gold	Kazzinc
Gold	Kennecott Utah Copper LLC
Gold	KGHM Polska Miedź Spółka Akcyjna
Gold	Kojima Chemicals Co., Ltd.
Gold	Kojima Kagaku Yakuhin Co., Ltd
Gold	Kombinat Gorniczo Hutniczy Miedz Polska Miedz S.A.
Gold	Korea Zinc Co., Ltd.
Gold	Kyrgyzaltyn JSC
Gold	La Caridad
Gold	LAIZHOU SHANDONG
Gold	L'azurde Company For Jewelry
Gold	LinBao Gold Mining
Gold	Lingbao Gold Co., Ltd.
Gold	Lingbao Jinyuan Tonghui Refinery Co., Ltd.
Gold	L'Orfebre S.A.

Gold	LS-NIKKO Copper Inc.
Gold	Luoyang Zijin Yinhui Gold Refinery Co., Ltd.
Gold	Luoyang Zijin Yinhui Gold Smelting
Gold	Luoyang Zijin Yinhui Metal Smelt Co Ltd
Gold	Materion
Gold	Matsuda Sangyo Co., Ltd.
Gold	MEM(Sumitomo Group)
Gold	Metalúrgica Met-Mex Peñoles, S.A. de C.V
Gold	Metalor Switzerland
Gold	Metalor Technologies (Hong Kong) Ltd.
Gold	Metalor Technologies (Singapore) Pte., Ltd.
Gold	Metalor Technologies (Suzhou) Ltd.
Gold	Metalor Technologies S.A.
Gold	Metalor USA Refining Corporation
Gold	Metalúrgica Met-Mex Peñoles S.A. De C.V.
Gold	Met-Mex Peñoles, S.A.
Gold	Met-Mex Penoles, S.A.
Gold	Mitsubishi Materials Corporation
Gold	Mitsui Kinzoku Co., Ltd.
Gold	Mitsui Mining and Smelting Co., Ltd.
Gold	MMTC-PAMP India Pvt., Ltd.
Gold	Modeltech Sdn Bhd
Gold	Morris and Watson
Gold	Morris and Watson Gold Coast
Gold	Moscow Special Alloys Processing Plant
Gold	Nadir Metal Rafineri San. Ve Tic. A.Ş.
Gold	Navoi Mining and Metallurgical Combinat
Gold	Nihon Material Co., Ltd.
Gold	Norddeutsche Affinererie AG
Gold	Ögussa Österreichische Gold- und Silber-Scheideanstalt GmbH
Gold	Ohio Precious Metals, LLC
Gold	Ohura Precious Metal Industry Co., Ltd.
Gold	OJSC "The Gulidov Krasnoyarsk Non-Ferrous Metals Plant" (OJSC K
Gold	OJSC Krastsvetmet
Gold	OJSC Novosibirsk Refinery
Gold	OPM
Gold	PAMP S.A.
Gold	Pan Pacific Copper Co Ltd.
Gold	Pease & Curren
Gold	Penglai Penggang Gold Industry Co., Ltd.
Gold	Perth Mint
Gold	Perth Mint (ANZ)
Gold	Prioksky Plant of Non-Ferrous Metals
Gold	Produits Artistiques de Métaux
Gold	PT Aneka Tambang (Persero) Tbk
Gold	PX Précinox S.A.
Gold	Rand Refinery (Pty) Ltd.
Gold	Refinery LS-Nikko Copper Inc.
Gold	Remondis Argentia B.V.
Gold	Republic Metals Corporation
Gold	Royal Canadian Mint
Gold	SAAMP
Gold	Sabin Metal Corp.
Gold	SAFINA A.S.
Gold	Saganoseki Smelter & Refinery
Gold	Sai Refinery
Gold	Samdok Metal
Gold	Samduck Precious Metals
Gold	Samwon Metals Corp.
Gold	SAXONIA Edelmetalle GmbH
Gold	Schone Edelmetaal B.V.
Gold	SD (Samdok) Metal
Gold	SEMPSA Joyería Platería S.A.

Gold	Sempsa JP (Cookson Sempsa)
Gold	Shandong Gold Mine(Laizhou) Smelter Co., Ltd.
Gold	Shandong Guoda Gold Co., Ltd.
Gold	Shandong Tarzan Bio-Gold Industry Co., Ltd.
Gold	Shandong Tiancheng Biological Gold Industrial Co., Ltd.
Gold	Shandong Zhaojin Gold & Silver Refinery Co., Ltd.
Gold	Shangdong Gold (Laizhou)
Gold	Shonan Plant Tanaka Kikinzoku
Gold	Sichuan Tianze Precious Metals Co., Ltd.
Gold	Singapore Tanaka
Gold	Singway Technology Co., Ltd.
Gold	SMM
Gold	So Accurate Group, Inc.
Gold	SOE Shyolkovsky Factory of Secondary Precious Metals
Gold	Solar Applied Materials Technology Corp.
Gold	SOLAR CHEMICALAPPLIED MATERIALS TECHNOLOGY (KUN SHAN)
Gold	Solartech
Gold	Sudan Gold Refinery
Gold	Sumitomo Kinzoku Kozan K.K.
Gold	Sumitomo Metal Mining Co., Ltd.
Gold	SungEel HiTech
Gold	T.C.A S.p.A
Gold	Takehara Refinery
Gold	Tamano Smelter
Gold	Tanaka Denshi Kogyo K.K
Gold	Tanaka Electronics (Hong Kong) Pte. Ltd.
Gold	TANAKA Electronics (Malaysia) SDN. BHD.
Gold	Tanaka Electronics (Singapore) Pte. Ltd.
Gold	Tanaka Kikinzoku International
Gold	Tanaka Kikinzoku Kogyo K.K
Gold	Tanaka Kikinzoku Kogyo K.K.
Gold	Tanaka Precious Metals
Gold	The Great Wall Gold and Silver Refinery of China
Gold	The Perth Mint
Gold	The Refinery of Shandong Gold Mining Co., Ltd.
Gold	Tokuriki Honten Co., Ltd.
Gold	Tongling Nonferrous Metals Group Co., Ltd.
Gold	TongLing Nonferrous Metals Group Holdings Co., Ltd.
Gold	Tony Goetz NV
Gold	TOO Tau-Ken-Altyn
Gold	Torecom
Gold	Toyo Smelter & Refinery
Gold	Umicore Brasil Ltda.
Gold	Umicore Precious Metals Thailand
Gold	Umicore S.A. Business Unit Precious Metals Refining
Gold	United Precious Metal Refining, Inc.
Gold	Universal Precious Metals Refining Zambia
Gold	Valcambi S.A.
Gold	Western Australian Mint trading as The Perth Mint
Gold	WIELAND Edelmetalle GmbH
Gold	Williams Advanced Materials
Gold	Xstrata
Gold	Yamamoto Precious Metal Co., Ltd.
Gold	Yamamoto Precision Metals
Gold	Yantai NUS Safina tech environmental Refinery Co. Ltd.
Gold	Yokohama Metal Co., Ltd.
Gold	Yunnan Copper Industry Co., Ltd.
Gold	Zhao Jin Mining Industry Co Ltd
Gold	Zhao Yuan Gold Mine
Gold	Zhao Yuan Gold Smelter of ZhongJin
Gold	Zhao Yuan Jin Kuang
Gold	Zhaojin Mining Industry Co., Ltd.
Gold	Zhaoyuan Gold Group

Gold	Zhongjin Gold Corporation Limited
Gold	Zhongyuan Gold Smelter of Zhongjin Gold Corporation
Gold	Zijin Kuang Ye Refinery
Gold	Zijin Mining Group Co., Ltd. Gold Refinery
Gold	Zijin Mining Industry Corporation
Gold	Smelter not listed
Gold	Smelter not yet identified
Tantalum	Changsha South Tantalum Niobium Co., Ltd.
Tantalum	Changsha Southern
Tantalum	Conghua Tantalum and Niobium Smeltry
Tantalum	D Block Metals, LLC
Tantalum	Douluoshan Sapphire Rare Metal Co Ltd
Tantalum	Duoluoshan
Tantalum	E.S.R. Electronics
Tantalum	Exotech Inc.
Tantalum	F & X
Tantalum	F&X Electro-Materials Ltd.
Tantalum	FIR Metals & Resource Ltd.
Tantalum	Global Advanced Metals Aizu
Tantalum	Global Advanced Metals Boyertown
Tantalum	Guangdong Zhiyuan New Material Co., Ltd.
Tantalum	H.C. Starck Co., Ltd.
Tantalum	H.C. Starck GmbH Goslar
Tantalum	H.C. Starck GmbH Laufenburg
Tantalum	H.C. Starck Hermsdorf GmbH
Tantalum	H.C. Starck Inc.
Tantalum	H.C. Starck Ltd.
Tantalum	H.C. Starck Smelting GmbH & Co. KG
Tantalum	Hengyang King Xing Lifeng New Materials Co., Ltd.
Tantalum	Hi-Temp
Tantalum	Hi-Temp Specialty Metals, Inc.
Tantalum	Jiangxi Dinghai Tantalum & Niobium Co., Ltd.
Tantalum	Jiangxi Tuohong New Raw Material
Tantalum	JiuJiang JinXin Nonferrous Metals Co., Ltd.
Tantalum	Jiujiang Tanbre Co., Ltd.
Tantalum	Jiujiang Zhongao Tantalum & Niobium Co., Ltd.
Tantalum	KEMET Blue Metals
Tantalum	KEMET Blue Powder
Tantalum	King-Tan Tantalum Industry Ltd.
Tantalum	LSM Brasil S.A.
Tantalum	Metallurgical Products India Pvt. Ltd. (MPIL)
Tantalum	Metallurgical Products India Pvt., Ltd.
Tantalum	Mineração Taboca S.A.
Tantalum	Mitsui Mining and Smelting Co., Ltd.
Tantalum	Mitsui Mining & Smelting
Tantalum	Molycorp Silmet A.S.
Tantalum	Ningxia Orient Tantalum Industry Co., Ltd.
Tantalum	Plansee SE Liezen
Tantalum	Plansee SE Reutte
Tantalum	Power Resources Ltd.
Tantalum	QuantumClean
Tantalum	Resind Indústria e Comércio Ltda.
Tantalum	RFH
Tantalum	RFH (Yanling Jincheng Tantalum & Niobium Co., Ltd)
Tantalum	RFH Tantalum Smeltry Co., Ltd.
Tantalum	Solikamsk
Tantalum	Solikamsk Magnesium Works OAO
Tantalum	Solikamsk Metal Works
Tantalum	Taki Chemical Co., Ltd.
Tantalum	Taki Chemicals
Tantalum	Telex Metals
Tantalum	Tranzact, Inc.
Tantalum	ULBA

Tantalum	Ulba Metallurgical Plant JSC
Tantalum	XinXing HaoRong Electronic Material Co., Ltd.
Tantalum	Yichun Jin Yang Rare Metal Co., Ltd.
Tantalum	Zhaoqing Duoluoshan Non-ferrous Metals Co.,Ltd
Tantalum	Zhuzhou Cemented Carbide Group
Tantalum	Zhuzhou Cemented Carbide Group Co., Ltd.
Tantalum	Zhuzhou Cemented Carbide Works Imp. & Exp. Co.
Tantalum	Smelter not listed
Tantalum	Smelter not yet identified
Tin	Alent plc
Tin	Alpha
Tin	Alpha Metals
Tin	Alpha Metals Korea Ltd.
Tin	Alpha Metals Taiwan
Tin	An Thai Minerals Co., Ltd.
Tin	An Vinh Joint Stock Mineral Processing Company
Tin	Brand IMLI
Tin	Brand RBT
Tin	Chengfeng Metals Co Pte Ltd
Tin	Chenzhou Yun Xiang mining limited liability company
Tin	Chenzhou Yunxiang Mining and Metallurgy Co., Ltd.
Tin	China Rare Metal Material Co., Ltd.
Tin	China Tin (Hechi)
Tin	China Tin Group Co., Ltd.
Tin	China Tin Lai Ben Smelter Co., Ltd.
Tin	China Yunnan Tin Co Ltd.
Tin	CNMC (Guangxi) PGMA Co., Ltd.
Tin	Cookson
Tin	Cookson (Alpha Metals Taiwan)
Tin	Cookson Alpha Metals (Shenzhen) Co., Ltd.
Tin	Cooper Santa
Tin	Cooperativa Metalurgica de Rondônia Ltda.
Tin	CooperMetal
Tin	CV Ayi Jaya
Tin	CV Dua Sekawan
Tin	CV Gita Pesona
Tin	CV JusTindo
Tin	CV Nurjanah
Tin	CV Serumpun Sebalai
Tin	CV Tiga Sekawan
Tin	CV United Smelting
Tin	CV Venus Inti Perkasa
Tin	Dowa
Tin	Dowa Metaltech Co., Ltd.
Tin	Electro-Mechanical Facility of the Cao Bang Minerals & Metallurgy J
Tin	Elmet S.L.U.
Tin	EM Vinto
Tin	Empresa Metalúrgica Vinto
Tin	Empresa Nacional de Fundiciones (ENAF)
Tin	ENAF
Tin	Estanho de Rondônia S.A.
Tin	Fenix Metals
Tin	Funsur Smelter
Tin	Gejiu City Datun Chengfeng Smelter
Tin	Gejiu Fengming Metallurgy Chemical Plant
Tin	Gejiu Jinye Mineral Company
Tin	Gejiu Kai Meng Industry and Trade LLC
Tin	Gejiu Non-Ferrous Metal Processing Co., Ltd.
Tin	Gejiu Yunxin Nonferrous Electrolysis Co., Ltd.
Tin	Gejiu Zi-Li
Tin	Gejiu Zili Mining And Metallurgy Co., Ltd.
Tin	Guang Xi Liu Xhou
Tin	Guang Xi Liu Zhou

Tin GuangXi China Tin
Tin Guangxi Pinggui PGMA Co. Ltd.
Tin Guanyang Guida Nonferrous Metal Smelting Plant
Tin HuiChang Hill Tin Industry Co., Ltd.
Tin Huichang Jinshunda Tin Co., Ltd.
Tin Huichang Shun Tin Kam Industries, Ltd.
Tin INDONESIA STATE TIN CORPORATION MENTOK SMELTER
Tin Indra Eramulti Logam
Tin Jiangxi Ketai Advanced Material Co., Ltd.
Tin Jiangxi Nanshan
Tin Jiangxi Shunda Huichang Kam Tin Co., Ltd.
Tin Kai Union Industry and Trade Co., Ltd. (China)
Tin Kai Unita Trade Limited Liability Company
Tin Kundur Smelter
Tin Liuzhou China Tin
Tin Magnu's Minerais Metais e Ligas Ltda.
Tin Malaysia Smelting Corporation (MSC)
Tin Melt Metais e Ligas S.A.
Tin Mentok Smelter
Tin Metallic Materials Branch of Guangxi China Tin Group Co.,Ltd.
Tin Metallic Resources, Inc.
Tin Metallo-Chimique N.V.
Tin Mineração Taboca S.A.
Tin Minsur
Tin Mitsubishi Materials Corporation
Tin Modeltech Sdn Bhd
Tin MSC
Tin Nankang Nanshan Tin Manufactory Co., Ltd.
Tin Nanshan Tin Co. Ltd.
Tin Nghe Tinh Non-Ferrous Metals Joint Stock Company
Tin O.M. Manufacturing (Thailand) Co., Ltd.
Tin O.M. Manufacturing Philippines, Inc.
Tin OMSA
Tin Operaciones Metalurgical S.A.
Tin PGMA
Tin Phoenix Metal Ltd.
Tin PT Aries Kencana Sejahtera
Tin PT Artha Cipta Langgeng
Tin PT ATD Makmur Mandiri Jaya
Tin PT Babel Inti Perkasa
Tin PT Bangka Prima Tin
Tin PT Bangka Tin Industry
Tin PT Belitung Industri Sejahtera
Tin PT Bukit Timah
Tin PT Cipta Persada Mulia
Tin PT DS Jaya Abadi
Tin PT Eunindo Usaha Mandiri
Tin PT Indora Ermulti
Tin PT Indra Eramult Logam Industri
Tin PT Inti Stania Prima
Tin PT Justindo
Tin PT Karimun Mining
Tin PT Kijang Jaya Mandiri
Tin PT Lautan Harmonis Sejahtera
Tin PT Menara Cipta Mulia
Tin PT Mitra Stania Prima
Tin PT O.M. Indonesia
Tin PT Panca Mega Persada
Tin PT Prima Timah Utama
Tin PT Refined Bangka Tin
Tin PT Sariwiguna Binasentosa
Tin PT Stanindo Inti Perkasa
Tin PT Sukses Inti Makmur

Tin	PT Sumber Jaya Indah
Tin	PT Tambang Timah
Tin	PT Timah (Persero) Tbk Kundur
Tin	PT Timah (Persero) Tbk Mentok
Tin	PT Tinindo Inter Nusa
Tin	PT Tirus Putra Mandiri
Tin	PT Tommy Utama
Tin	PT Wahana Perkit Jaya
Tin	Resind Indústria e Comércio Ltda.
Tin	Rui Da Hung
Tin	Shunda Huichang Kam Tin Co., Ltd.
Tin	Smelting Branch of Yunnan Tin Company Ltd
Tin	Soft Metais Ltda.
Tin	Thai Solder Industry Corp., Ltd.
Tin	Thailand Smelting & Refining Co Ltd
Tin	Thaisarco
Tin	The Gejiu cloud new colored electrolytic
Tin	Tin Products Manufacturing Co.LTD. of YTCL
Tin	Toboca/ Paranapenema
Tin	Tuyen Quang Non-Ferrous Metals Joint Stock Company
Tin	Unit Timah Kundur PT Tambang
Tin	VQB Mineral and Trading Group JSC
Tin	White Solder Metalurgia e Mineração Ltda.
Tin	White Solder Metalurgica
Tin	XiHai - Liuzhou China Tin Group Co Ltd
Tin	YTCL
Tin	Yunan Gejiu Yunxin Electrolyze Limited
Tin	Yunnan Adventure Co., Ltd.
Tin	Yunnan Chengfeng
Tin	Yunnan Chengfeng Non-ferrous Metals Co., Ltd.
Tin	Yunnan Gejiu Zili Metallurgy Co., Ltd.
Tin	YunNan Gejiu Yunxin Electrolyze Limited
Tin	Yunnan Tin Company Limited
Tin	Yunnan Tin Company, Ltd.
Tin	Yunnan wind Nonferrous Metals Co., Ltd.
Tin	Yuntinic Resources
Tin	YUNXIN colored electrolysis Company Limited
Tin	Smelter not listed
Tin	Smelter not yet identified
Tungsten	A.L.M.T. TUNGSTEN Corp.
Tungsten	ACL Metais Eireli
Tungsten	Allied Material Corporation
Tungsten	ALMT Corp
Tungsten	ALMT Sumitomo Group
Tungsten	Asia Tungsten Products Vietnam Ltd.
Tungsten	ATI Metalworking Products
Tungsten	ATI Tungsten Materials
Tungsten	Chaozhou Xianglu Tungsten Industry Co., Ltd.
Tungsten	Chenzhou Diamond Tungsten Products Co., Ltd.
Tungsten	China National Non Ferrous
Tungsten	Chongyi Zhangyuan Tungsten Co., Ltd.
Tungsten	Dayu Jincheng Tungsten Industry Co., Ltd.
Tungsten	Dayu Weiliang Tungsten Co., Ltd.
Tungsten	Fujian Jinxin Tungsten Co., Ltd.
Tungsten	Ganzhou Huaxing Tungsten Products Co., Ltd.
Tungsten	Ganzhou Jiangwu Ferrotungsten Co., Ltd.
Tungsten	Ganzhou Seadragon W & Mo Co., Ltd.
Tungsten	Ganzhou Yatai Tungsten Co., Ltd.
Tungsten	Global Tungsten & Powders Corp.
Tungsten	GTP
Tungsten	Guangdong Xianglu Tungsten Co., Ltd.
Tungsten	H.C. Starck GmbH
Tungsten	H.C. Starck Smelting GmbH & Co.KG

Tungsten	Human Chun-Chang non-ferrous Smelting & Concentrating Co., Ltc
Tungsten	Hunan Chenzhou Mining Co., Ltd.
Tungsten	Hunan Chenzhou Mining Group Co., Ltd.
Tungsten	Hunan Chuangda Vanadium Tungsten Co., Ltd. Wuji
Tungsten	Hunan Chunchang Nonferrous Metals Co., Ltd.
Tungsten	Hydrometallurg, JSC
Tungsten	Japan New Metals Co., Ltd.
Tungsten	Jiangwu H.C. Starck Tungsten Products Co., Ltd.
Tungsten	Jiangxi Dayu Longxintai Tungsten Co., Ltd.
Tungsten	Jiangxi Gan Bei Tungsten Co., Ltd.
Tungsten	Jiangxi Minmetals Gao'an Non-ferrous Metals Co., Ltd.
Tungsten	Jiangxi Tonggu Non-ferrous Metallurgical & Chemical Co., Ltd.
Tungsten	Jiangxi Tungsten Co Ltd
Tungsten	Jiangxi Tungsten Industry Group Co. Ltd.
Tungsten	Jiangxi Xincheng Tungsten Industry Co., Ltd.
Tungsten	Jiangxi Xiushui Xianggan Nonferrous Metals Co., Ltd.
Tungsten	Jiangxi Yaosheng Tungsten Co., Ltd.
Tungsten	Kennametal Fallon
Tungsten	Kennametal Huntsville
Tungsten	Malipo Haiyu Tungsten Co., Ltd.
Tungsten	Moliren Ltd
Tungsten	Niagara Refining LLC
Tungsten	Nui Phao H.C. Starck Tungsten Chemicals Manufacturing LLC
Tungsten	Philippine Chuangxin Industrial Co., Inc.
Tungsten	Shaoguan Xinhai Rendan Tungsten Industry Co. Ltd
Tungsten	South-East Nonferrous Metal Company Limited of Hengyang City
Tungsten	Tejing (Vietnam) Tungsten Co., Ltd.
Tungsten	Unecha Refractory metals plant
Tungsten	Vietnam Youngsun Tungsten Industry Co., Ltd.
Tungsten	WBH
Tungsten	WBH,Wolfram [Austria]
Tungsten	Wolfram Bergbau und Hütten AG
Tungsten	Woltech Korea Co., Ltd.
Tungsten	Xiamen H.C.
Tungsten	Xiamen Tungsten (H.C.) Co., Ltd.
Tungsten	Xiamen Tungsten Co., Ltd.
Tungsten	Xinfeng Huarui Tungsten & Molybdenum New Material Co., Ltd.
Tungsten	Xinhai Rendan Shaoguan Tungsten Co., Ltd.
Tungsten	Zhangyuan Tungsten Co Ltd
Tungsten	Shaoguan Xinhai Rendan Tungsten Industry Co. Ltd
Tungsten	South-East Nonferrous Metal Company Limited of Hengyang City
Tungsten	Tejing (Vietnam) Tungsten Co., Ltd.
Tungsten	Vietnam Youngsun Tungsten Industry Co., Ltd.
Tungsten	WBH
Tungsten	WBH,Wolfram [Austria]
Tungsten	Wolfram Bergbau und Hütten AG
Tungsten	Woltech Korea Co., Ltd.
Tungsten	Xiamen H.C.
Tungsten	Xiamen Tungsten (H.C.) Co., Ltd.
Tungsten	Xiamen Tungsten Co., Ltd.
Tungsten	Xinfeng Huarui Tungsten & Molybdenum New Material Co., Ltd.
Tungsten	Xinhai Rendan Shaoguan Tungsten Co., Ltd.
Tungsten	Zhangyuan Tungsten Co Ltd
Tungsten	Smelter not listed
Tungsten	Smelter not yet identified

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

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

are commonly recognized and reported by the supply chain for a particular smelter. These names may differ from the names that are commonly used in the industry. Although the names may not be the CFSI Standard Smelter Name, the reference names are helpful to

standards. It is understood that the names listed are not intended to be the legal names of the eligible smelters. The majority of smelters will have the same

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

DODUCO GmbH	GERMANY	CID000362
DSC (Do Sung Corporation)	KOREA (REPUBLIC OF)	CID000359
Dowa	JAPAN	CID000401
Dowa	JAPAN	CID000401
Dowa	JAPAN	CID000401
Dowa	JAPAN	CID000401
DSC (Do Sung Corporation)	KOREA (REPUBLIC OF)	CID000359
Eco-System Recycling Co., Ltd.	JAPAN	CID000425
Elemetal Refining, LLC	UNITED STATES OF AMERICA	CID001322
Emirates Gold DMCC	UNITED ARAB EMIRATES	CID002561
Fidelity Printers and Refiners Ltd.	ZIMBABWE	CID002515
OJSC Novosibirsk Refinery	RUSSIAN FEDERATION	CID000493
Zijin Mining Group Co., Ltd. Gold Refinery	CHINA	CID002243
Gansu Seemine Material Hi-Tech Co., Ltd.	CHINA	CID000522
Geib Refining Corporation	UNITED STATES OF AMERICA	CID002459
The Refinery of Shandong Gold Mining Co., Ltd.	CHINA	CID001916
Great Wall Precious Metals Co., Ltd. of CBPM	CHINA	CID001909
Great Wall Precious Metals Co., Ltd. of CBPM	CHINA	CID001909
Guangdong Jinding Gold Limited	CHINA	CID002312
Guangdong Jinding Gold Limited	CHINA	CID002312
Gujarat Gold Centre	INDIA	CID002852
Guoda Safina High-Tech Environmental Refinery Co., Ltd.	CHINA	CID000651
Hangzhou Fuchunjiang Smelting Co., Ltd.	CHINA	CID000671
Heimerle + Meule GmbH	GERMANY	CID000694
Zhongyuan Gold Smelter of Zhongjin Gold Corporation	CHINA	CID002224
Zhongyuan Gold Smelter of Zhongjin Gold Corporation	CHINA	CID002224
Zhongyuan Gold Smelter of Zhongjin Gold Corporation	CHINA	CID002224
Heraeus Ltd. Hong Kong	CHINA	CID000707
Heraeus Precious Metals GmbH & Co. KG	GERMANY	CID000711
Hunan Chenzhou Mining Co., Ltd.	CHINA	CID000767
Hunan Chenzhou Mining Co., Ltd.	CHINA	CID000767
Hunan Chenzhou Mining Co., Ltd.	CHINA	CID000767
HwaSeong CJ Co., Ltd.	KOREA (REPUBLIC OF)	CID000778
Inner Mongolia Qiankun Gold and Silver Refinery Share Co., Lt	CHINA	CID000801
Ishifuku Metal Industry Co., Ltd.	JAPAN	CID000807
Istanbul Gold Refinery	TURKEY	CID000814
Japan Mint	JAPAN	CID000823
Jiangxi Copper Co., Ltd.	CHINA	CID000855
Jiangxi Copper Co., Ltd.	CHINA	CID000855
Asahi Refining Canada Ltd.	CANADA	CID000924
Asahi Refining USA Inc.	UNITED STATES OF AMERICA	CID000920
Asahi Refining USA Inc.	UNITED STATES OF AMERICA	CID000920
Asahi Refining Canada Ltd.	CANADA	CID000924
JSC Ekaterinburg Non-Ferrous Metal Processing Plant	RUSSIAN FEDERATION	CID000927
JSC Uralelectromed	RUSSIAN FEDERATION	CID000929
JX Nippon Mining & Metals Co., Ltd.	JAPAN	CID000937
Kaloti Precious Metals	UNITED ARAB EMIRATES	CID002563
Kazakhmys Smelting LLC	KAZAKHSTAN	CID000956
Kazzinc	KAZAKHSTAN	CID000957
Kennecott Utah Copper LLC	UNITED STATES OF AMERICA	CID000969
KGHM Polska Miedź Spółka Akcyjna	POLAND	CID002511
Kojima Chemicals Co., Ltd.	JAPAN	CID000981
Kojima Chemicals Co., Ltd.	JAPAN	CID000981
KGHM Polska Miedź Spółka Akcyjna	POLAND	CID002511
Korea Zinc Co., Ltd.	KOREA (REPUBLIC OF)	CID002605
Kyrgyzaltyn JSC	KYRGYZSTAN	CID001029
Caridad	MEXICO	CID000180
The Refinery of Shandong Gold Mining Co., Ltd.	CHINA	CID001916
L'azurde Company For Jewelry	SAUDI ARABIA	CID001032
Lingbao Gold Co., Ltd.	CHINA	CID001056
Lingbao Gold Co., Ltd.	CHINA	CID001056
Lingbao Jinyuan Tonghui Refinery Co., Ltd.	CHINA	CID001058
L'Orfebre S.A.	ANDORRA	CID002762

LS-NIKKO Copper Inc.	KOREA (REPUBLIC OF)	CID001078
Luoyang Zijin Yinhuai Gold Refinery Co., Ltd.	CHINA	CID001093
Luoyang Zijin Yinhuai Gold Refinery Co., Ltd.	CHINA	CID001093
Luoyang Zijin Yinhuai Gold Refinery Co., Ltd.	CHINA	CID001093
Materion	UNITED STATES OF AMERICA	CID001113
Matsuda Sangyo Co., Ltd.	JAPAN	CID001119
Sumitomo Metal Mining Co., Ltd.	JAPAN	CID001798
Metalúrgica Met-Mex Peñoles S.A. De C.V.	MEXICO	CID001161
Metalor Technologies S.A.	SWITZERLAND	CID001153
Metalor Technologies (Hong Kong) Ltd.	CHINA	CID001149
Metalor Technologies (Singapore) Pte., Ltd.	SINGAPORE	CID001152
Metalor Technologies (Suzhou) Ltd.	CHINA	CID001147
Metalor Technologies S.A.	SWITZERLAND	CID001153
Metalor USA Refining Corporation	UNITED STATES OF AMERICA	CID001157
Metalúrgica Met-Mex Peñoles S.A. De C.V.	MEXICO	CID001161
Metalúrgica Met-Mex Peñoles S.A. De C.V.	MEXICO	CID001161
Metalúrgica Met-Mex Peñoles S.A. De C.V.	MEXICO	CID001161
Mitsubishi Materials Corporation	JAPAN	CID001188
Mitsui Mining and Smelting Co., Ltd.	JAPAN	CID001193
Mitsui Mining and Smelting Co., Ltd.	JAPAN	CID001193
MMTC-PAMP India Pvt., Ltd.	INDIA	CID002509
Modeltech Sdn Bhd	MALAYSIA	CID002857
Morris and Watson	NEW ZEALAND	CID002282
Morris and Watson Gold Coast	AUSTRALIA	CID002866
Moscow Special Alloys Processing Plant	RUSSIAN FEDERATION	CID001204
Nadir Metal Rafineri San. Ve Tic. A.Ş.	TURKEY	CID001220
Navoi Mining and Metallurgical Combinat	UZBEKISTAN	CID001236
Nihon Material Co., Ltd.	JAPAN	CID001259
Aurubis AG	GERMANY	CID000113
Ögussa Österreichische Gold- und Silber-Scheideanstalt GmbH	AUSTRIA	CID002779
Elemetal Refining, LLC	UNITED STATES OF AMERICA	CID001322
Ohura Precious Metal Industry Co., Ltd.	JAPAN	CID001325
OJSC "The Gulidov Krasnoyarsk Non-Ferrous Metals Plant" (OJ	RUSSIAN FEDERATION	CID001326
OJSC "The Gulidov Krasnoyarsk Non-Ferrous Metals Plant" (OJ	RUSSIAN FEDERATION	CID001326
OJSC Novosibirsk Refinery	RUSSIAN FEDERATION	CID000493
Elemetal Refining, LLC	UNITED STATES OF AMERICA	CID001322
PAMP S.A.	SWITZERLAND	CID001352
JX Nippon Mining & Metals Co., Ltd.	JAPAN	CID000937
Pease & Curren	UNITED STATES OF AMERICA	CID002872
Penglai Penggang Gold Industry Co., Ltd.	CHINA	CID001362
Western Australian Mint trading as The Perth Mint	AUSTRALIA	CID002030
Western Australian Mint trading as The Perth Mint	AUSTRALIA	CID002030
Prioksky Plant of Non-Ferrous Metals	RUSSIAN FEDERATION	CID001386
PAMP S.A.	SWITZERLAND	CID001352
PT Aneka Tambang (Persero) Tbk	INDONESIA	CID001397
PX Précinox S.A.	SWITZERLAND	CID001498
Rand Refinery (Pty) Ltd.	SOUTH AFRICA	CID001512
LS-NIKKO Copper Inc.	KOREA (REPUBLIC OF)	CID001078
Remondis Argentia B.V.	NETHERLANDS	CID002582
Republic Metals Corporation	UNITED STATES OF AMERICA	CID002510
Royal Canadian Mint	CANADA	CID001534
SAAMP	FRANCE	CID002761
Sabin Metal Corp.	UNITED STATES OF AMERICA	CID001546
SAFINA A.S.	CZECH REPUBLIC	CID002290
JX Nippon Mining & Metals Co., Ltd.	JAPAN	CID000937
Sai Refinery	INDIA	CID002853
Samduck Precious Metals	KOREA (REPUBLIC OF)	CID001555
Samduck Precious Metals	KOREA (REPUBLIC OF)	CID001555
Samwon Metals Corp.	KOREA (REPUBLIC OF)	CID001562
SAXONIA Edelmetalle GmbH	GERMANY	CID002777
Schone Edelmetaal B.V.	NETHERLANDS	CID001573
Samduck Precious Metals	KOREA (REPUBLIC OF)	CID001555
SEMPSA Joyería Plateria S.A.	SPAIN	CID001585

Zhongyuan Gold Smelter of Zhongjin Gold Corporation	CHINA	CID002224
Zhongyuan Gold Smelter of Zhongjin Gold Corporation	CHINA	CID002224
Zijin Mining Group Co., Ltd. Gold Refinery	CHINA	CID002243
Zijin Mining Group Co., Ltd. Gold Refinery	CHINA	CID002243
Zijin Mining Group Co., Ltd. Gold Refinery	CHINA	CID002243
Unknown	Unknown	
Changsha South Tantalum Niobium Co., Ltd.	CHINA	CID000211
Changsha South Tantalum Niobium Co., Ltd.	CHINA	CID000211
Conghua Tantalum and Niobium Smeltry	CHINA	CID000291
D Block Metals, LLC	UNITED STATES OF AMERICA	CID002504
Duoluoshan	CHINA	CID000410
Duoluoshan	CHINA	CID000410
E.S.R. Electronics	UNITED STATES OF AMERICA	CID002590
Exotech Inc.	UNITED STATES OF AMERICA	CID000456
F&X Electro-Materials Ltd.	CHINA	CID000460
F&X Electro-Materials Ltd.	CHINA	CID000460
FIR Metals & Resource Ltd.	CHINA	CID002505
Global Advanced Metals Aizu	JAPAN	CID002558
Global Advanced Metals Boyertown	UNITED STATES OF AMERICA	CID002557
Guangdong Zhiyuan New Material Co., Ltd.	CHINA	CID000616
H.C. Starck Co., Ltd.	THAILAND	CID002544
H.C. Starck GmbH Goslar	GERMANY	CID002545
H.C. Starck GmbH Laufenburg	GERMANY	CID002546
H.C. Starck Hermsdorf GmbH	GERMANY	CID002547
H.C. Starck Inc.	UNITED STATES OF AMERICA	CID002548
H.C. Starck Ltd.	JAPAN	CID002549
H.C. Starck Smelting GmbH & Co. KG	GERMANY	CID002550
Hengyang King Xing Lifeng New Materials Co., Ltd.	CHINA	CID002492
Hi-Temp Specialty Metals, Inc.	UNITED STATES OF AMERICA	CID000731
Hi-Temp Specialty Metals, Inc.	UNITED STATES OF AMERICA	CID000731
Jiangxi Dinghai Tantalum & Niobium Co., Ltd.	CHINA	CID002512
Jiangxi Tuohong New Raw Material	CHINA	CID002842
Jiujiang JinXin Nonferrous Metals Co., Ltd.	CHINA	CID000914
Jiujiang Tanbre Co., Ltd.	CHINA	CID000917
Jiujiang Zhongao Tantalum & Niobium Co., Ltd.	CHINA	CID002506
KEMET Blue Metals	MEXICO	CID002539
KEMET Blue Powder	UNITED STATES OF AMERICA	CID002568
King-Tan Tantalum Industry Ltd.	CHINA	CID000973
LSM Brasil S.A.	BRAZIL	CID001076
Metallurgical Products India Pvt., Ltd.	INDIA	CID001163
Metallurgical Products India Pvt., Ltd.	INDIA	CID001163
Mineração Taboca S.A.	BRAZIL	CID001175
Mitsui Mining and Smelting Co., Ltd.	JAPAN	CID001192
Mitsui Mining & Smelting	JAPAN	CID001192
Molycorp Silmet A.S.	ESTONIA	CID001200
Ningxia Orient Tantalum Industry Co., Ltd.	CHINA	CID001277
Plansee SE Liezen	AUSTRIA	CID002540
Plansee SE Reutte	AUSTRIA	CID002556
Power Resources Ltd.	MACEDONIA (THE FORMER YUGOS	CID002847
QuantumClean	UNITED STATES OF AMERICA	CID001508
Resind Indústria e Comércio Ltda.	BRAZIL	CID002707
RFH Tantalum Smeltry Co., Ltd.	CHINA	CID001522
RFH Tantalum Smeltry Co., Ltd.	CHINA	CID001522
RFH Tantalum Smeltry Co., Ltd.	CHINA	CID001522
Solikamsk Magnesium Works OAO	RUSSIAN FEDERATION	CID001769
Solikamsk Magnesium Works OAO	RUSSIAN FEDERATION	CID001769
Solikamsk Magnesium Works OAO	RUSSIAN FEDERATION	CID001769
Taki Chemical Co., Ltd.	JAPAN	CID001869
Taki Chemical Co., Ltd.	JAPAN	CID001869
Telex Metals	UNITED STATES OF AMERICA	CID001891
Tranzact, Inc.	UNITED STATES OF AMERICA	CID002571
Ulba Metallurgical Plant JSC	KAZAKHSTAN	CID001969

Ulba Metallurgical Plant JSC	KAZAKHSTAN	CID001969
XinXing HaoRong Electronic Material Co., Ltd.	CHINA	CID002508
Yichun Jin Yang Rare Metal Co., Ltd.	CHINA	CID002307
Duoluoshan	CHINA	CID000410
Zhuzhou Cemented Carbide Group Co., Ltd.	CHINA	CID002232
Zhuzhou Cemented Carbide Group Co., Ltd.	CHINA	CID002232
Zhuzhou Cemented Carbide Group Co., Ltd.	CHINA	CID002232
Unknown	Unknown	
Alpha	UNITED STATES OF AMERICA	CID000292
Alpha	UNITED STATES OF AMERICA	CID000292
Alpha	UNITED STATES OF AMERICA	CID000292
Alpha	UNITED STATES OF AMERICA	CID000292
Alpha	UNITED STATES OF AMERICA	CID000292
An Thai Minerals Co., Ltd.	VIET NAM	CID002825
An Vinh Joint Stock Mineral Processing Company	VIET NAM	CID002703
PT Bukit Timah	INDONESIA	CID001428
PT Refined Bangka Tin	INDONESIA	CID001460
Yunnan Chengfeng Non-ferrous Metals Co., Ltd.	CHINA	CID002158
Chenzhou Yunxiang Mining and Metallurgy Co., Ltd.	CHINA	CID000228
Chenzhou Yunxiang Mining and Metallurgy Co., Ltd.	CHINA	CID000228
Jiangxi Ketai Advanced Material Co., Ltd.	CHINA	CID000244
China Tin Group Co., Ltd.	CHINA	CID001070
China Tin Group Co., Ltd.	CHINA	CID001070
China Tin Group Co., Ltd.	CHINA	CID001070
China Tin Group Co., Ltd.	CHINA	CID001070
Yunnan Tin Company Limited	CHINA	CID002180
CNMC (Guangxi) PGMA Co., Ltd.	CHINA	CID000278
Alpha	UNITED STATES OF AMERICA	CID000292
Alpha	UNITED STATES OF AMERICA	CID000292
Alpha	UNITED STATES OF AMERICA	CID000292
Cooperativa Metalurgica de Rondônia Ltda.	BRAZIL	CID000295
Cooperativa Metalurgica de Rondônia Ltda.	BRAZIL	CID000295
Cooperativa Metalurgica de Rondônia Ltda.	BRAZIL	CID000295
CV Ayi Jaya	INDONESIA	CID002570
CV Dua Sekawan	INDONESIA	CID002592
CV Gita Pesona	INDONESIA	CID000306
PT Justindo	INDONESIA	CID000307
PT Aries Kencana Sejahtera	INDONESIA	CID000309
CV Serumpun Sebalai	INDONESIA	CID000313
CV Tiga Sekawan	INDONESIA	CID002593
CV United Smelting	INDONESIA	CID000315
CV Venus Inti Perkasa	INDONESIA	CID002455
Dowa	JAPAN	CID000402
Dowa	JAPAN	CID000402
Electro-Mechanical Facility of the Cao Bang Minerals & Metallur	VIET NAM	CID002572
Elmet S.L.U.	SPAIN	CID002774
EM Vinto	BOLIVIA (PLURINATIONAL STATE C	CID000438
EM Vinto	BOLIVIA (PLURINATIONAL STATE C	CID000438
EM Vinto	BOLIVIA (PLURINATIONAL STATE C	CID000438
EM Vinto	BOLIVIA (PLURINATIONAL STATE C	CID000438
Estanho de Rondônia S.A.	BRAZIL	CID000448
Fenix Metals	POLAND	CID000468
Minsur	PERU	CID001182
Yunnan Chengfeng Non-ferrous Metals Co., Ltd.	CHINA	CID002158
Gejiu Fengming Metallurgy Chemical Plant	CHINA	CID002848
Gejiu Jinye Mineral Company	CHINA	CID002859
Gejiu Kai Meng Industry and Trade LLC	CHINA	CID000942
Gejiu Non-Ferrous Metal Processing Co., Ltd.	CHINA	CID000538
Gejiu Yunxin Nonferrous Electrolysis Co., Ltd.	CHINA	CID001908
Gejiu Zili Mining And Metallurgy Co., Ltd.	CHINA	CID000555
Gejiu Zili Mining And Metallurgy Co., Ltd.	CHINA	CID000555
China Tin Group Co., Ltd.	CHINA	CID001070
China Tin Group Co., Ltd.	CHINA	CID001070

China Tin Group Co., Ltd.	CHINA	CID001070
CNMC (Guangxi) PGMA Co., Ltd.	CHINA	CID000278
Guanyang Guida Nonferrous Metal Smelting Plant	CHINA	CID002849
HuiChang Hill Tin Industry Co., Ltd.	CHINA	CID002844
Huichang Jinshunda Tin Co., Ltd.	CHINA	CID000760
Huichang Jinshunda Tin Co., Ltd.	CHINA	CID000760
PT Timah (Persero) Tbk Mentok	INDONESIA	CID001482
PT Bukit Timah	INDONESIA	CID001428
Jiangxi Ketai Advanced Material Co., Ltd.	CHINA	CID000244
Nankang Nanshan Tin Manufactory Co., Ltd.	CHINA	CID001231
Huichang Jinshunda Tin Co., Ltd.	CHINA	CID000760
Gejiu Kai Meng Industry and Trade LLC	CHINA	CID000942
Gejiu Kai Meng Industry and Trade LLC	CHINA	CID000942
PT Timah (Persero) Tbk Kundur	INDONESIA	CID001477
China Tin Group Co., Ltd.	CHINA	CID001070
Magnu's Minerai's Metais e Ligas Ltda.	BRAZIL	CID002468
Malaysia Smelting Corporation (MSC)	MALAYSIA	CID001105
Melt Metais e Ligas S.A.	BRAZIL	CID002500
PT Timah (Persero) Tbk Mentok	INDONESIA	CID001482
China Tin Group Co., Ltd.	CHINA	CID001070
Metallic Resources, Inc.	UNITED STATES OF AMERICA	CID001142
Metallo-Chimique N.V.	BELGIUM	CID002773
Mineração Taboca S.A.	BRAZIL	CID001173
Minsur	PERU	CID001182
Mitsubishi Materials Corporation	JAPAN	CID001191
Modeltech Sdn Bhd	MALAYSIA	CID002858
Malaysia Smelting Corporation (MSC)	MALAYSIA	CID001105
Nankang Nanshan Tin Manufactory Co., Ltd.	CHINA	CID001231
Nankang Nanshan Tin Manufactory Co., Ltd.	CHINA	CID001231
Nghe Tinh Non-Ferrous Metals Joint Stock Company	VIET NAM	CID002573
O.M. Manufacturing (Thailand) Co., Ltd.	THAILAND	CID001314
O.M. Manufacturing Philippines, Inc.	PHILIPPINES	CID002517
Operaciones Metalurgical S.A.	BOLIVIA (PLURINATIONAL STATE C	CID001337
Operaciones Metalurgical S.A.	BOLIVIA (PLURINATIONAL STATE C	CID001337
CNMC (Guangxi) PGMA Co., Ltd.	CHINA	CID000278
Phoenix Metal Ltd.	RWANDA	CID002507
PT Aries Kencana Sejahtera	INDONESIA	CID000309
PT Artha Cipta Langgeng	INDONESIA	CID001399
PT ATD Makmur Mandiri Jaya	INDONESIA	CID002503
PT Babel Inti Perkasa	INDONESIA	CID001402
PT Bangka Prima Tin	INDONESIA	CID002776
PT Bangka Tin Industry	INDONESIA	CID001419
PT Belitung Industri Sejahtera	INDONESIA	CID001421
PT Bukit Timah	INDONESIA	CID001428
PT Cipta Persada Mulia	INDONESIA	CID002696
PT DS Jaya Abadi	INDONESIA	CID001434
PT Eunindo Usaha Mandiri	INDONESIA	CID001438
PT Bukit Timah	INDONESIA	CID001428
PT Bukit Timah	INDONESIA	CID001428
PT Inti Stania Prima	INDONESIA	CID002530
PT Justindo	INDONESIA	CID000307
PT Karimun Mining	INDONESIA	CID001448
PT Kijang Jaya Mandiri	INDONESIA	CID002829
PT Lautan Harmonis Sejahtera	INDONESIA	CID002870
PT Menara Cipta Mulia	INDONESIA	CID002835
PT Mitra Stania Prima	INDONESIA	CID001453
PT O.M. Indonesia	INDONESIA	CID002757
PT Panca Mega Persada	INDONESIA	CID001457
PT Prima Timah Utama	INDONESIA	CID001458
PT Refined Bangka Tin	INDONESIA	CID001460
PT Sariwiguna Binasentosa	INDONESIA	CID001463
PT Stanindo Inti Perkasa	INDONESIA	CID001468
PT Sukses Inti Makmur	INDONESIA	CID002816

PT Sumber Jaya Indah	INDONESIA	CID001471
PT Timah (Persero) Tbk Kundur	INDONESIA	CID001477
PT Timah (Persero) Tbk Kundur	INDONESIA	CID001477
PT Timah (Persero) Tbk Mentok	INDONESIA	CID001482
PT Tinindo Inter Nusa	INDONESIA	CID001490
PT Tirus Putra Mandiri	INDONESIA	CID002478
PT Tommy Utama	INDONESIA	CID001493
PT Wahana Perkit Jaya	INDONESIA	CID002479
Resind Indústria e Comércio Ltda.	BRAZIL	CID002706
Rui Da Hung	TAIWAN, PROVINCE OF CHINA	CID001539
Huichang Jinshunda Tin Co., Ltd.	CHINA	CID000760
Yunnan Tin Company Limited	CHINA	CID002180
Soft Metais Ltda.	BRAZIL	CID001758
Thaisarco	THAILAND	CID001898
Thaisarco	THAILAND	CID001898
Thaisarco	THAILAND	CID001898
Gejiu Yunxin Nonferrous Electrolysis Co., Ltd.	CHINA	CID001908
Yunnan Tin Company Limited	CHINA	CID002180
Mineração Taboca S.A.	BRAZIL	CID001173
Tuyen Quang Non-Ferrous Metals Joint Stock Company	VIET NAM	CID002574
PT Timah (Persero) Tbk Kundur	INDONESIA	CID001477
VQB Mineral and Trading Group JSC	VIET NAM	CID002015
White Solder Metalurgia e Mineração Ltda.	BRAZIL	CID002036
White Solder Metalurgia e Mineração Ltda.	BRAZIL	CID002036
China Tin Group Co., Ltd.	CHINA	CID001070
Yunnan Tin Company Limited	CHINA	CID002180
Gejiu Yunxin Nonferrous Electrolysis Co., Ltd.	CHINA	CID001908
Yunnan Chengfeng Non-ferrous Metals Co., Ltd.	CHINA	CID002158
Yunnan Chengfeng Non-ferrous Metals Co., Ltd.	CHINA	CID002158
Yunnan Chengfeng Non-ferrous Metals Co., Ltd.	CHINA	CID002158
Gejiu Zili Mining And Metallurgy Co., Ltd.	CHINA	CID000555
Gejiu Yunxin Nonferrous Electrolysis Co., Ltd.	CHINA	CID001908
Yunnan Tin Company Limited	CHINA	CID002180
Yunnan Tin Company Limited	CHINA	CID002180
Yunnan Chengfeng Non-ferrous Metals Co., Ltd.	CHINA	CID002158
Yunnan Tin Company Limited	CHINA	CID002180
Gejiu Yunxin Nonferrous Electrolysis Co., Ltd.	CHINA	CID001908
Unknown	Unknown	
A.L.M.T. TUNGSTEN Corp.	JAPAN	CID000004
ACL Metais Eireli	BRAZIL	CID002833
A.L.M.T. TUNGSTEN Corp.	JAPAN	CID000004
A.L.M.T. TUNGSTEN Corp.	JAPAN	CID000004
A.L.M.T. TUNGSTEN Corp.	JAPAN	CID000004
Asia Tungsten Products Vietnam Ltd.	VIET NAM	CID002502
Kennametal Huntsville	UNITED STATES OF AMERICA	CID000105
Kennametal Huntsville	UNITED STATES OF AMERICA	CID000105
Guangdong Xianglu Tungsten Co., Ltd.	CHINA	CID000218
Chenzhou Diamond Tungsten Products Co., Ltd.	CHINA	CID002513
Ganzhou Huaxing Tungsten Products Co., Ltd.	CHINA	CID000875
Chongyi Zhangyuan Tungsten Co., Ltd.	CHINA	CID000258
Dayu Jincheng Tungsten Industry Co., Ltd.	CHINA	CID002518
Dayu Weiliang Tungsten Co., Ltd.	CHINA	CID000345
Fujian Jinxin Tungsten Co., Ltd.	CHINA	CID000499
Ganzhou Huaxing Tungsten Products Co., Ltd.	CHINA	CID000875
Ganzhou Jiangwu Ferrotungsten Co., Ltd.	CHINA	CID002315
Ganzhou Seadragon W & Mo Co., Ltd.	CHINA	CID002494
Ganzhou Yatai Tungsten Co., Ltd.	CHINA	CID002536
Global Tungsten & Powders Corp.	UNITED STATES OF AMERICA	CID000568
Global Tungsten & Powders Corp.	UNITED STATES OF AMERICA	CID000568
Guangdong Xianglu Tungsten Co., Ltd.	CHINA	CID000218
H.C. Starck GmbH	GERMANY	CID002541
H.C. Starck Smelting GmbH & Co.KG	GERMANY	CID002542

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

te version can be found on the
t is currently Active or Compliant

ay include former company
o identify the smelter, which is

æ entry for both columns, however

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

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

CFSI	Onsan-eup	Ulsan
CFSI	Luoyang	Henan
CFSI	Luoyang	Henan
CFSI	Luoyang	Henan
CFSI	Buffalo	New York
CFSI	Iruma	Saitama
CFSI	Saijo	Ehime
CFSI	Torreón	Coahuila
CFSI	Marin	Neuchâtel
CFSI	Kwai Chung	Hong Kong
CFSI	Tuas	Singapore
CFSI	Suzhou Industrial Park	Jiangsu
CFSI	Marin	Neuchâtel
CFSI	North Attleboro	Massachusetts
CFSI	Torreón	Coahuila
CFSI	Torreón	Coahuila
CFSI	Torreón	Coahuila
CFSI	Naoshima	Kagawa
CFSI	Takehara	Hiroshima
CFSI	Takehara	Hiroshima
CFSI	Mewat	Haryana
CFSI	Kawasan Perindustrian Bukit Rambai	Melaka
CFSI	Onehunga	Auckland
CFSI	Gold Coast	Queensland
CFSI	Obrucheva	Moscow Region
CFSI	Bahçelievler	Istanbul
CFSI	Navoi	Navoi Province
CFSI	Noda	Chiba
CFSI	Hamburg	Hamburg State
CFSI	Vienna	Vienna
CFSI	Jackson	Ohio
CFSI	Nara-shi	Nara
CFSI	Krasnoyarsk	Krasnoyarsk Krai
CFSI	Krasnoyarsk	Krasnoyarsk Krai
CFSI	Novosibirsk	Novosibirsk Province
CFSI	Jackson	Ohio
CFSI	Castel San Pietro	Ticino
CFSI	Ōita	Ōita
CFSI	Warwick	Rhode Island
CFSI	Penglai	Shandong
CFSI	Newburn	Western Australia
CFSI	Newburn	Western Australia
CFSI	Kasimov	Ryazan
CFSI	Castel San Pietro	Ticino
CFSI	Jakarta	Java
CFSI	La Chaux-de-Fonds	Neuchâtel
CFSI	Germiston	Gauteng
CFSI	Onsan-eup	Ulsan
CFSI	Moerdijk	North Brabant
CFSI	Miami	Florida
CFSI	Ottawa	Ontario
CFSI	Paris	Ile-de-France
CFSI	Williston	North Dakota
CFSI	Vestec	Harare
CFSI	Ōita	Ōita
CFSI	Parwanoo	Himachal Pradesh
CFSI	Namdong	Incheon
CFSI	Namdong	Incheon
CFSI	Changwon	Gyeongsangnam
CFSI	Halsbrücke	Saxony
CFSI	Amsterdam	North Holland
CFSI	Namdong	Incheon
CFSI	Madrid	Community of Madrid

CFSI	Sanmenxia	Henan
CFSI	Sanmenxia	Henan
CFSI	Shanghang	Fujian
CFSI	Shanghang	Fujian
CFSI	Shanghang	Fujian
CFSI	Changsha	Hunan
CFSI	Changsha	Hunan
CFSI	Conghua	Guangdong
CFSI	Gastonia	North Carolina
CFSI	Sihui City	Guangdong
CFSI	Sihui City	Guangdong
CFSI	Houston	Texas
CFSI	Pompano Beach	Florida
CFSI	Jiangmen	Guangdong
CFSI	Jiangmen	Guangdong
CFSI	Zhuzhou	Hunan
CFSI	Aizuwakamatsu	Fukushima
CFSI	Boyertown	Pennsylvania
CFSI	Yingde	Guangdong
CFSI	Map Ta Phut	Rayong
CFSI	Goslar	Lower Saxony
CFSI	Laufenburg	Baden-Württemberg
CFSI	Hermisdorf	Thuringia
CFSI	Newton	Massachusetts
CFSI	Mito	Ibaraki
CFSI	Laufenburg	Baden-Württemberg
CFSI	Hengyang	Hunan
CFSI	Yaphank	New York
CFSI	Yaphank	New York
CFSI	Fengxin	Jiangxi
CFSI	Yichun	Jiangxi
CFSI	Jiujiang	Jiangxi
CFSI	Jiujiang	Jiangxi
CFSI	Jiujiang	Jiangxi
CFSI	Matamoros	Tamaulipas
CFSI	Mound House	Nevada
CFSI	Yifeng	Jiangxi
CFSI	São João del Rei	Minas Gerais
CFSI	District Raigad	Maharashtra
CFSI	District Raigad	Maharashtra
CFSI	Presidente Figueiredo	Amazonas
CFSI	Omuta	Fukuoka
CFSI	Omuta	Fukuoka
CFSI	Sillamäe	Ida-Virumaa
CFSI	Shizuishan City	Ningxia
CFSI	Liezen	Styria
CFSI	Reutte	Tyrol
CFSI	Skopje	The Skopje Statistical Region
CFSI	Fremont	California
CFSI	São João del Rei	Minas Gerais
CFSI	Zhuzhou	Hunan
CFSI	Zhuzhou	Hunan
CFSI	Zhuzhou	Hunan
CFSI	Solikamsk	Perm Krai
CFSI	Solikamsk	Perm Krai
CFSI	Solikamsk	Perm Krai
CFSI	Harima	Hyogo
CFSI	Harima	Hyogo
CFSI	Croydon	Pennsylvania
CFSI	Lancaster	Pennsylvania
CFSI	Ust-Kamenogorsk	East Kazakhstan

CFSI	Ust-Kamenogorsk	East Kazakhstan
CFSI	YunFu City	Guangdong
CFSI	Yifeng	Jiangxi
CFSI	Sihui City	Guangdong
CFSI	Zhuzhou	Hunan
CFSI	Zhuzhou	Hunan
CFSI	Zhuzhou	Hunan
CFSI	Altoona	Pennsylvania
CFSI	Altoona	Pennsylvania
CFSI	Altoona	Pennsylvania
CFSI	Altoona	Pennsylvania
CFSI	Quy Hop	Nghe An
CFSI	Quy Hop	Nghe An
CFSI	Pangkal Pinang	Bangka
CFSI	Sungailiat	Bangka
CFSI	Gejiu	Yunnan
CFSI	Qiaokou	Hunan
CFSI	Qiaokou	Hunan
CFSI	Yichun	Jiangxi
CFSI	Laibin	Guangxi
CFSI	Laibin	Guangxi
CFSI	Laibin	Guangxi
CFSI	Gejiu	Yunnan
CFSI	Hezhou	Guangxi
CFSI	Altoona	Pennsylvania
CFSI	Altoona	Pennsylvania
CFSI	Altoona	Pennsylvania
CFSI	Ariquemes	Rondonia
CFSI	Ariquemes	Rondonia
CFSI	Ariquemes	Rondonia
CFSI	Sungailiat	Bangka
CFSI	Pangkal Pinang	Bangka
CFSI	Sungailiat	Bangka
CFSI	Kabupaten	Bangka
CFSI	Pemali	Bangka
CFSI	Pangkalan	Bangka
CFSI	Pangkal Pinang	Bangka
CFSI	Pangkal Pinang	Bangka
CFSI	Pangkal Pinang	Bangka
CFSI	Kosaka	Akita
CFSI	Kosaka	Akita
CFSI	Tinh Tuc	Cao Bang
CFSI	Berango	Vizcaya
CFSI	Oruro	Cercado
CFSI	Oruro	Cercado
CFSI	Oruro	Cercado
CFSI	Oruro	Cercado
CFSI	Ariquemes	Rondônia
CFSI	Chmielów	Subcarpathian Voivodeship
CFSI	Paracas	Ica
CFSI	Gejiu	Yunnan
CFSI	Gejiu	Yunnan
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CFSI	Gejiu	Yunnan
CFSI	Gejiu	Yunnan
CFSI	Laibin	Guangxi
CFSI	Laibin	Guangxi

CFSI	Laibin	Guangxi
CFSI	Hezhou	Guangxi
CFSI	Guanyang	Guangxi
CFSI	Ganzhou	Jiangxi
CFSI	Ganzhou	Jiangxi
CFSI	Ganzhou	Jiangxi
CFSI	Mentok	Bangka
CFSI	Pangkal Pinang	Bangka
CFSI	Yichun	Jiangxi
CFSI	Ganzhou	Jiangxi
CFSI	Ganzhou	Jiangxi
CFSI	Gejiu	Yunnan
CFSI	Gejiu	Yunnan
CFSI	Kundur	Riau Islands
CFSI	Laibin	Guangxi
CFSI	São João del Rei	Minas Gerais
CFSI	Butterworth	Penang
CFSI	Ariquemes	Rondonia
CFSI	Mentok	Bangka
CFSI	Laibin	Guangxi
CFSI	Twinsburg	Ohio
CFSI	Beerse	Antwerp
CFSI	Bairro Guarapiranga	São Paulo
CFSI	Paracas	Ica
CFSI	Asago	Hyogo
CFSI	Kawasan Perindustrian Bukit Rambai	Melaka
CFSI	Butterworth	Penang
CFSI	Ganzhou	Jiangxi
CFSI	Ganzhou	Jiangxi
CFSI	Quy Hop	Nghe An
CFSI	Nongkham Sriracha	Chonburi
CFSI	Cavite Economic Zone	Rosario Cavite
CFSI	Oruro	Cercado
CFSI	Oruro	Cercado
CFSI	Hezhou	Guangxi
CFSI	Jabana	Kigali
CFSI	Pemali	Bangka
CFSI	Sungailiat	Bangka
CFSI	Sungailiat	Bangka
CFSI	Lintang	Bangka
CFSI	Kabupaten	Bangka
CFSI	Sungailiat	Bangka
CFSI	Pangkal Pinang	Bangka
CFSI	Pangkal Pinang	Bangka
CFSI	Pangkal Pinang	Bangka
CFSI	Pangkal Pinang	Bangka
CFSI	Karimun	Kepulauan Riau
CFSI	Pangkal Pinang	Bangka
CFSI	Pangkal Pinang	Bangka
CFSI	Sungailiat	Bangka
CFSI	Kabupaten	Bangka
CFSI	Karimun	Kepulauan Riau
CFSI	Sungailiat	Bangka
CFSI	Selatan	Bangka
CFSI	Timur	Bangka
CFSI	Sungailiat	Bangka
CFSI	Bekasi	West Java
CFSI	Sungailiat	Bangka
CFSI	Pangkal Pinang	Bangka
CFSI	Sungailiat	Bangka
CFSI	Pangkal Pinang	Bangka
CFSI	Pangkal Pinang	Bangka
CFSI	Kabupaten	Bangka

CFSI	Hengyang	Hunan
CFSI	Yuanling	Hunan
CFSI	Yuanling	Hunan
CFSI	Hengyang	Hunan
CFSI	Hengyang	Hunan
CFSI	Nalchik	Kabardino-Balkar Republic
CFSI	Akita City	Akita
CFSI	Ganzhou	Jiangxi
CFSI	Huanglong	Jiangxi
CFSI	Xiushui	Jiangxi
CFSI	Gao'an	Jiangxi
CFSI	Tonggu	Jiangxi
CFSI	Ganzhou	Jiangxi
CFSI	Ganzhou	Jiangxi
CFSI	Ganzhou	Jiangxi
CFSI	Ganzhou	Jiangxi
CFSI	Xiushui	Jiangxi
CFSI	Ganzhou	Jiangxi
CFSI	Fallon	Nevada
CFSI	Huntsville	Alabama
CFSI	Nanfeng Xiaozhai	Yunnan
CFSI	Roshal	Moscow Region
CFSI	Depew	New York
CFSI	Dai Tu	Thai Nguyen
CFSI	Marilao	Bulacan
CFSI	Shaoguan	Guangdong
CFSI	Hengyang	Hunan
CFSI	Halong City	TayNinh
CFSI	Unecha Town	Bryansk Region
CFSI	Halong City	Quang Ninh
CFSI	St. Martin i-S	Styria
CFSI	St. Martin i-S	Styria
CFSI	St. Martin i-S	Styria
CFSI	Gyeongju	Gyeongsanbuk
CFSI	Xiamen	Fujian
CFSI	Xiamen	Fujian
CFSI	Xiamen	Fujian
CFSI	Ganzhou	Jiangxi
CFSI	Shaoguan	Guangdong
CFSI	Ganzhou	Jiangxi
CFSI	Shaoguan	Guangdong
CFSI	Hengyang	Hunan
CFSI	Halong City	TayNinh
CFSI	Halong City	Quang Ninh
CFSI	St. Martin i-S	Styria
CFSI	St. Martin i-S	Styria
CFSI	St. Martin i-S	Styria
CFSI	Gyeongju	Gyeongsanbuk
CFSI	Xiamen	Fujian
CFSI	Xiamen	Fujian
CFSI	Xiamen	Fujian
CFSI	Ganzhou	Jiangxi
CFSI	Shaoguan	Guangdong
CFSI	Ganzhou	Jiangxi