

Conflict Minerals



Table of Contents

Page 3-5: Revision

Page 6-12: Instructions

Page 13-16: Definitions

Page 17-18: Declaration

Page 19: Smelter List

Page 20-22: Checker

Page 23: Product List

Page 24-30: Smelter Look-up

DOCUMENT TITLE

Conflict Minerals Reporting Template

SHEET

1 of 8

**REVISION HISTORY**

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

REVISION	ORIGINATOR	RELEASE DATE	DESCRIPTION OF FUNCTIONAL CHANGE	UPDATES TO SMELTER LIST
1	Jared Connors, Intel	July 19th, 2011	New Release	
2	Jared Connors, Intel	Aug 29th, 2012	Major update to functionality including: addition of the known smelter list, addition of declaration scope including product tab, and added and modified multiple questions and / or their responses.	New.
2.01	Jared Connors, Intel	Dec 21st, 2012	List of changes to the template functionality: 1. Modified Smelter List tab to prevent smelter rows from wrapping text. This was being caused by the hidden formula in column A which allows for a software vendor to easily grab the smelter IDs. 2. Changed protection settings on the Smelter List tab to allow users to delete rows. This allows users to delete rows with incorrect entries within the smelter tab. Ensured that columns could not be mistakenly deleted in the process.	1. Added "CV DS Jaya Abadi" an alias to "PT Stanindo Inti Perkasa" 2. Added "Mentok" as an alias to "PT Tambang Timah" 3. Corrected spelling of "Duoluoshan" id # 3CHN001 4. Corrected spelling of "Mitsubishi Materials Corporation" id # 1JPN039 5. Changed "Gejiu Non-ferrous" to its proper name "Gejiu Non-Ferrous Metal Processing Co. Ltd." 6. Changed "Mitsubishi Material" to its proper name "Mitsubishi Materials Corporation" 7. Changed "Niotan" to "Kemet Blue Powder" 8. Added "Nihon Material Co. LTD" as a gold refiner 9. Added "Aida Chemical Industries Co. Ltd." as a gold refiner 10. Added "Asaka Riken Co Ltd" as a gold refiner 11. Added "Kojima Chemical" as a gold refiner 12. Added "Sabin" as a gold refiner 13. Added "United Precious Metal Refining Inc." as a gold refiner 14. Added "Yokohama Metal Co Ltd" as a gold refiner 15. Added "CNMC (Guangxi) PGMA Co., Ltd." as a tin refiner 16. Added "Conghua Tantalum and Niobium Smeltry" as a tantalum refiner 17. Removed "Tantalite Resources" as a refinery 18. Added "Minmetals Ganzhou Tin Co. Ltd." as a tin refinery 19. Updated "ATI Metalworking Products" to its proper full name "ATI Tungsten Materials" 20. Updated "China Minmetals Corp." to its proper full name "China Minmetals Nonferrous Metals Co Ltd" 21. Removed "Ganzhou Huaxing Tungsten" as a smelter 22. Removed "Ganzhou Nonferrous Metals Smelting Co Ltd." as a smelter 23. Removed "Sichuan Metals & Materials Imp & Exp Co as a tungsten smelter 24. Added "Ganzhou Grand Sea W & Mo Group Co., Ltd." as a tungsten smelter 25. Added "Hunan Chenzhou Mining Group Co" as a tungsten smelter 26. Added "Japan New Metals Co Ltd" as a tungsten smelter 27. Added "Zhuzhou Cemented Carbide Group Co Ltd" as a tungsten smelter
2.01	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. Made template revision history tab visible 11. Removed language selection from individual tabs, all controlled on Declaration tab 12. Updated template to prevent users from adding tabs to the worksheet 13. Added statement at the top of the revision history tab clarifying purpose of .0x revision updates	1. Added the following aliases to Ohio Precious Metals "OPM Metals", "USPM", "United States Precious Metals" 2. Added "ALMT" as tungsten smelter 3. Added "Suzhou Xingrui Noble" as gold smelter 4. Added "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 "SEMPASA" as an alias for "SEMPASA Joyeria Plateria SA" 7. Added "Umicore Brazil Ltd" as an alias for "Umicore Brasil Ltda" 8. Added "Pan Pacific Copper Co., LTD." as a gold smelter 9. Added "White Solder Metalurgia" as a tin smelter 10. Added "Jiujiang JinXin Nonferrous Metals Co. Ltd." as a tantalum smelter 11. Corrected spelling of "Jiujiang Tanbre" to "Jiujiang Tambre Co. Ltd." 12. Added Torecom as a gold smelter 13. Added "PT Tinindo Internusa" as alias of "PT Tinindo Inter Nusa" 14. Added "CV Jus Tindo" as alias of "CV JusTindo" 15. Added "PT Bellitin Makmur Lestari" and "BML" as alias of "PT BilliTin Makmur Lestari" 16. Added "Liuzhou China Tin Group Co., Ltd." as alias of "Liuzhou China Tin" 17. Added "PT Timah (Persero) TBK" and "Banka Tin" as alias of "PT Tambang Timah" 18. Added "Yun Nan Tin Co.,LTD" as alias of "Yunnan Tin Company Limited" 19. Added "GEJIU ZILI MINING&SMELTING CO.,LTD." as alias of "Gejiu Zi-Li" 20. Added "Jiangxi Tungsten Co Ltd" as alias of "Jiangxi Tungsten Industry Group Co Ltd" 21. Added "Linwu Xianggui" as a tin smelter 22. Added "IMLI" and "Indra Eramulti Logam" as aliases of "PT Bukit Timah" 23. Added "CV Gita Pesona" as tin smelter 24. Added "PT Tommy Utama" as tin smelter 25. Added "PT Bangka Tin Industry" as tin smelter 26. Added "PT DS Jaya Abadi" as tin smelter 27. Added "PT Panca Mega" as tin smelter 28. Added "PT Seirama Tin investment" as tin smelter 29. Added "PT Karimun Mining" as tin smelter 30. Added "Cooper Santa" as tin smelter 31. Added "Daejin Indus Co. Ltd" as gold smelter 32. Added "DaeryongENC" as gold smelter 33. Added "Do Sung Corporation" as gold smelter 34. Added "Hwasung C.J Co. Ltd" as gold smelter 35. Added "Korea Metal" as gold smelter 36. Added "SAMWON METALS Corp." as gold smelter

REVISION	ORIGINATOR	RELEASE DATE	DESCRIPTION OF FUNCTIONAL CHANGE	UPDATES TO SMELTER LIST
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 Rendian Shaoquan 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 "Allydyne" 7. Corrected the spelling of "Allydne Powder Technologies" to "Allydyne 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 "QuantumClean" as tantalum smelter 11. Added "Taki Chemicals" as tantalum smelter 12. Added "Tantalite Resources" as tantalum smelter 13. Corrected naming inconsistency of "Ohio Precious Metals LLC." on standard smelter list and alias table. 14. Corrected naming inconsistency of "The Refinery of Shandong Gold Mining Co., Ltd" on standard smelter list and alias table. 15. Added "Molycorp Silmet" as tantalum smelter 16. Added "King-Tan Tantalum Industry Ltd" as tantalum smelter 17. Added "CooperMetal" as an alias of "Coopersanta" 18. Corrected the spelling of "Malaysia Smelting Corp" to "Malaysia Smelting Corporation (MSC)" 19. Corrected the spelling of "Asahi Pretec Corp" to "Asahi Pretec Corporation" 20. Corrected the spelling of "United Precious Metal Refining Inc." to "United Precious Metal Refining, Inc." 21. Added "Fenix Metals" as tin smelter 22. Changed alias "Bangka Tin" from "PT Tambang Timah" to "PT Timah" 23. Added "Ketapang" as an alias of "PT Bangka Putra Karya" 24. Corrected the Smelter ID of Cooper Santa from "2IDN063" to "2BRA063" 25. Added "Kundur" as an alias of "PT Tambang Timah" 26. Added "TT" as an alias of "PT Tambang Timah" 27. Added "CooperMetal" as an alias of "Coopersanta" 28. Corrected spelling of "CV Prima Timah Utama" to "PT Prima Timah Utama".
2.03a	John Plyler, BlackBerry	July 25th, 2013	No functional change.	1. Corrected the spelling of "ALMT" to "A.L.M.T. Corp." 2. Added "A.L.M.T. Tungsten Corp", "Allied Material Corp", and "ALMT" as aliases of "A.L.M.T. Corp." 3. Corrected country of "A.L.M.T. Corp." to "Japan" and smelter ID to "4JPN020" 4. Changed alias "Wolfram" for "Wolfram Company CJSC" to "Wolfram [Russia]" 5. Added "Wolfram [Austria]" as an alias of "Wolfram Bergbau und Hütten AG" 6. Added "Kennametal Inc." as a tungsten refiner 7. 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 Walser AG 2. C. Hafner GmbH + Co. KG 3. China National Gold Group Corporation 4. Colt Refining 5. Daye Non-Ferrous Metals Mining Ltd. 6. Doduco 7. Eco-System Recycling Co., Ltd. 8. Gansu Seemine Material Hi-Tech Co Ltd 9. Guangdong Jinding Gold Limited 10. Hangzhou Fuchunjiang Smelting Co., Ltd. 11. Hunan Chenzhou Mining Industry Group 12. Kennecott Utah Copper LLC 13. Lingbao Jinyuan Tonghui Refinery Co. Ltd. 14. Luoyang Zijin Yinhuai Metal Smelt Co Ltd 15. Metalor Technologies (Singapore) Pte. Ltd. 16. Ohura Precious Metal Industry Co., Ltd 17. Penglai Penggang Gold Industry Co Ltd 18. So Accurate Group, Inc. 19. Tongling nonferrous Metals Group Co.,Ltd 20. Umicore Precious Metals Thailand 21. YAMAMOTO PRECIOUS METAL CO., LTD. 22. Yunnan Copper Industry Co Ltd Added the following tantalum smelters: 1. Changsha South Tantalum Niobium Co Ltd 2. Guangdong Zhiyuan New Material Co., Ltd. 3. Hengyang King Xing Lifeng New Materials Co., LTD 4. Metallurgical Products India (Pvt.) Ltd. 5. Mineração Taboca S.A. 6. Shanghai Jiangxi Metals Co. Ltd 7. Yichun Jin Yang Rare 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 6. Soft Metals Ltda. 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. 8. Xiamen Tungsten (H.C.) Co., Ltd. Removed the following as gold refiners: 1. Central Bank of the DPR of Korea 2. Codelco 3. Suzhou Xingrui Noble Removed "Gannon & Scott" as a tantalum smelter Removed the following as tin smelters: 1. CV Duta Putra Bangka 2. CV Gita Pesona 3. CV JusTindo 4. CV Makmur Jaya 5. CV Nurjanah 6. Gold Bell Group 7. PT Alam Lestari Kencana 8. PT Babel Surya Alam Lestari 9. PT Bangka Kudai Tin 10. PT Bangka Timah Utama Sejahtera 11. PT BilliTin Makmur Lestari 12. PT Fang Di MulTindo 13. PT HP Metals Indonesia 14. PT Koba Tin 15. PT Panca Mega 16. PT Seirama Tin investment 17. PT Sumber Jaya Indah 18. PT Timah Nusantara 19. PT Tommy Utama 20. PT Vinchendo Mining Industry 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 Bangka 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.

REVISION	ORIGINATOR	RELEASE DATE	DESCRIPTION OF FUNCTIONAL CHANGE	UPDATES TO SMELTER LIST
3.01	Akimasu 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.conflictfree-sourcing.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.conflictfree-sourcing.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.conflictreesourcing.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.conflictreesourcing.org .
4.01b	CFSI Due Diligence Data Collection Workgroup	November 16th, 2015	No functional change.	This version incorporates a few changes to the smelter list as reflected in the Standard Smelter List as of November 6, 2015. The latest version of the Standard Smelter List is available at: http://www.conflictreesourcing.org .
4.10	CFSI CMRT Team	May 12, 2017	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.conflictreesourcing.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.conflictreesourcing.org/conflict-free-smelter-program/exports/cmrt-export/ .
5.0	CFSI CMRT Team	May 12, 2017	1. Corrections to all bugs and errors 2. Conformance to IPC-1755 in the wording of the following questions: Q. 1, Q. 2, Q. 5, A, F, I (formerly J); removal of former question G a. Additions and clarifications in the instructions and definitions b. Update to ISO short names for countries 3. Conformance to IPC-1755 use of ASCII character set for Standard Smelter Name in hidden column R on the smelter list 4. Addition of ISO Country Codes and State/Province Codes in hidden columns S and T on the smelter list 5. Renaming of "Smelter Reference List" to "Smelter Look-up" 6. Updates to translations for all modified text 7. Updates to the Smelter Look-up List and Standard Smelter List	This version incorporates a few changes to the smelter list as reflected in the Standard Smelter List as of March 17, 2017. The latest version of the Standard Smelter List is available at: http://www.conflictreesourcing.org/conflict-free-smelter-program/exports/cmrt-export/ .
5.01	CFSI CMRT Team	June 21, 2017	Corrections to checker tab errors	This version incorporates a few changes to the smelter list as reflected in the Standard Smelter List as of March 17, 2017. The latest version of the Standard Smelter List is available at: http://www.conflictreesourcing.org/conflict-free-smelter-program/exports/cmrt-export/ .
5.10	CFSI CMRT Team	December 1, 2017	1. Corrections to all bugs and errors 2. Enhancements which do not conflict with IPC-1755 a. Update to ISO short names for countries, states / provinces 3. Updates to the Smelter Reference List and Standard Smelter List 4. Change to .xlsx format	This version incorporates a few changes to the smelter list as reflected in the Standard Smelter List as of March 17, 2017. The latest version of the Standard Smelter List is available at: http://www.conflictreesourcing.org/conflict-free-smelter-program/exports/cmrt-export/ .
5.11	RMI MRT Team	April 27, 2018	1. Corrections to all bugs and errors 2. Enhancements which do not conflict with IPC-1755 a. Update to ISO short names for countries, states / provinces 3. Updates to the Smelter Reference List and Standard Smelter List	This version incorporates a few changes to the smelter list as reflected in the Standard Smelter List as of March 6, 2018. The latest version of the Standard Smelter List is available at: http://www.responsiblemineralsinitiative.org/responsible-minerals-assurance-process/exports/cmrt-export/ .
5.12	RMI MRT Team	April 26, 2019	1. Corrections to all bugs and errors 2. Enhancements which do not conflict with IPC-1755 a. Update to ISO short names for countries, states / provinces 3. Updates to the Smelter Reference List and Standard Smelter List	This version incorporates a few changes to the smelter list as reflected in the Standard Smelter List as of February 27, 2019. The latest version of the Standard Smelter List is available at: http://www.responsiblemineralsinitiative.org/responsible-minerals-assurance-process/exports/cmrt-export/ .
6.0	RMI MRT Team	May 13, 2020	1. Corrections to all bugs and errors 2. Conformance to IPC-1755, which incorporated EU Conflict Minerals Regulation, in the wordings of the following questions: Q 4 (newly added), Q H (formerly Q I), removal of former question C a. Update to ISO short names for countries, states / provinces 3. Updates to the Smelter Reference List and Standard Smelter List	This version incorporates a few changes to the smelter list as reflected in the Standard Smelter List as of March 3, 2020. The latest version of the Standard Smelter List is available at: http://www.responsiblemineralsinitiative.org/responsible-minerals-assurance-process/exports/cmrt-export/ .
6.01	RMI MRT Team	May 19, 2020	Minor revisions to correct reported issues including those related to "Product List" tab.	This version incorporates a few changes to the smelter list as reflected in the Standard Smelter List as of March 3, 2020. The latest version of the Standard Smelter List is available at: http://www.responsiblemineralsinitiative.org/responsible-minerals-assurance-process/exports/cmrt-export/ .



RMI website: (www.responsiblemineralsinitiative.org)

Training and guidance, template, Responsible Minerals Assurance Process conformant smelter list.

Introduction

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

The CMRT was designed for downstream companies to disclose information about their supply chains up to but not including the smelter. If you are a 3TG smelter or refiner, in accordance with the RMAP protocols, we recommend you enter your own name in the smelter list tab. 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/in-v/mne/GuidanceEdition2.pdf>), which guides suppliers to establish policies, due diligence frameworks and management systems.

In 2017, Regulation (EU) 2017/821 of the European Parliament and of the European Council of 17 May 2017 was passed concerning supply chain due diligence obligations for Union importers of tin, tantalum and tungsten, their ores, and gold originating from conflict-affected and high-risk areas (see regulation at <https://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=OJ:L:2017:130:FULL&from=EN>)

** See information on the Responsible Minerals Initiative (www.responsiblemineralsinitiative.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 optional.
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

Note: Entries with (*) are mandatory fields.

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

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

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

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

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

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

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

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

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

4. This is a declaration that any portion of the 3TGs contained in a product or multiple products originates from conflict-affected and high-risk areas (CAHRAs).

The answer to this question should be "yes" if any smelter in the supply chain sources from CAHRAs, even if those smelters are on the RMI conformant smelter and refiner list. For more information, see RMI's due diligence guidance on conflict minerals here:
<http://www.responsiblemineralsinitiative.org/training-and-resources/publications-and-guidance/>.

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

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

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

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

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

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

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

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

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

8. This question verifies that all of the smelters identified to be providing any of the 3TGs contained in the products covered by the scope of this declaration have been reported in this declaration. The answer to this question shall be "yes" or "no" along with a comment in certain cases, e.g. list of smelters. This question is mandatory for a specific metal if the response to Question 1 and 2 is "Yes" for that metal.

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

Instructions for completing Questions A. – H. (rows 75 - 89). Questions A. through H. are mandatory if the both of responses to Question 1 and 2 are "Yes" for any metal.

Provide answers in ENGLISH only

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

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

This question is mandatory.

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

This question is mandatory.

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

This question is mandatory.

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

This question is mandatory.

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

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

This question is mandatory.

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

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

"Documentation review only" - a review of supplier submitted records and documentation conducted by independent third parties and, or your company personnel.

"Internal audit" - on-site audits of your suppliers conducted by your company personnel.

This question is mandatory.

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

This question is mandatory.

H. This is a question to disclose whether a company is subject to the SEC rule, the EU regulation, or both. The answer to this question shall be "yes, with the SEC", "yes, with the EU", "yes with the SEC and the EU" or "no." Comments shall be captured in a question comment field. This question is mandatory. For more information on the SEC rule, please refer to www.sec.gov. For more information on the EU regulation, please refer to <https://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:32017R0821&from=EN>.

Instructions for completing the Smelter List Tab.

Provide answers in ENGLISH only

Note: Columns with (*) are mandatory fields

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

Use a separate line for each metal/smelter/country combination.

1. Smelter Identification Input Column - If you know the Smelter Identification Number, input the number in Column A (columns B, C, E, F, G, I, and J will auto-populate). Column A does not autopopulate.
2. Metal (*) - Use the pull down menu to select the metal for which you are entering smelter information. This field is mandatory.
3. Smelter Look-up (*) - Select from dropdown. This is the list of known smelters as of template release date. If smelter is not listed select 'Smelter Not Listed'. This will allow you to enter the name of the smelter in Column D. If you do not know the name or location of the smelter, select 'Smelter Not Yet Identified.' For this option, columns D and E will autopopulate to say, 'unknown.' This field is mandatory.
4. Smelter Name (1) - Fill in smelter name if you selected "Smelter Not Listed" in column C. This field will auto-populate when a smelter name is selected in Column C. This field is mandatory.
5. Smelter Country (*) - This field will auto-populate when a smelter name is selected in column C. If you selected "Smelter Not Listed" in column C, use the pull down menu to select the country location of the smelter. This field is mandatory.
6. Smelter Identification - This is a unique identifier assigned to a smelter or refiner according to an established smelter and refinery identification system. It is expected that multiple names or aliases could be used to describe a single smelter or refiner and therefore multiple names or aliases could be associated to a single 'Smelter ID'.
7. Source of Smelter Identification Number - This is the source of the Smelter Identification Number entered in Column F. If a smelter name was selected in Column C using the dropdown box, this field will auto-populate.
8. Smelter Street - Provide the street name on which the smelter is located. This field is optional.
9. Smelter City - Provide the city name of where the smelter is located. This field is optional.
10. Smelter Location: State/Province, if applicable - Provide the state or province where the smelter is located. This field is optional.
11. Smelter Contact Name - The Conflict Minerals Reporting Template (CMRT) is circulated among companies in the requesting company's supply chain to ensure compliance with the OECD Due Diligence Guidance for Responsible Supply Chains of Minerals from Conflict-Affected and High-Risk Areas and the U.S. Securities and Exchange Commission Final Rule on conflict minerals.

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

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

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

13. Name of Mine(s) – This field allows a company to define the actual mines being used by the smelter. Please enter the actual mine names if known. If 100% of the smelter's feedstock originates from recycled or scrap sources, enter "Recycled" or "Scrap" in place of the name of the mine and answer "Yes" in Column P. "RCOI confirmed as per RMI" 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 RMI" may be an acceptable answer to this question.

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

- Yes
- No
- Unknown

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

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Definitions



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.
Conflict-Affected and High-Risk Area (CAHRA)	Conflict-affected and high-risk areas are areas in a state of armed conflict, fragile post-conflict areas, as well as areas witnessing weak or non-existing governance and security, such as failed states, and widespread and systematic violations of international law, including human rights abuses.
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, Tanzania, Uganda, Zambia.
Declaration Scope or Class	For the purposes of this template, "scope" describes the applicability of the information provided by the reporting company. The scope may encompass the entirety of a company's services and/or products, or at a company's discretion, the template may be used to report on a specific product (or products), or, be 'User defined'. The 'User defined' scope selection or class may be used to describe any subset of a company's operation or product portfolio.
Dodd-Frank	2010 United States legislation, Dodd-Frank Wall Street Reform and Consumer Protection Act, Section 1502 ("Dodd-Frank") (http://www.sec.gov/about/laws/wallstreetreform-cpa.pdf)
DRC	Democratic Republic of Congo
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 RMAP audit protocol for this metal for a complete description: http://www.responsiblemineralsinitiative.org/smelter-introduction/ .
Independent Third-Party Audit Firm	With respect to smelter audits, an "Independent Third-Party Audit Firm" is a private sector organization competent in evaluating the smelter or refiner's materials traceability against the standards of the RMAP or equivalent audit protocols. To maintain neutrality and impartiality, such organization and its audit team members must have no conflicts of interest with the auditee.

ITEM	DEFINITION
Intentionally added	<p>Intentionally added is commonly known as the deliberate use of a substance, or in this case metal, in the formulation of a product where continued presence is desired to provide a specific characteristic, appearance or quality.</p> <p>While the SEC does not define the phrase “intentionally added” in the final rule*, the rule’s preamble states: “[W]e agree that being intentionally added, rather than being a naturally-occurring by-product, is a significant factor in determining whether a conflict mineral is “necessary to the functionality or production” of a product. This is true regardless of who intentionally added the conflict mineral to the product so long as it is contained in the product. [D]etermining whether a conflict mineral is considered “necessary” to a product should not depend on whether the conflict mineral is added directly to the product by the issuer or whether it is added to a component of the product that the issuer receives from a third party. Instead, the issuer should ‘report on the totality of the product and work with suppliers to comply with the requirements.’ Therefore, in determining whether a conflict mineral is “necessary” to a product, an issuer must consider any conflict mineral contained in its product, even if that conflict mineral is only in the product because it was included as part of a component of the product that was manufactured originally by a third party.” *(56296 Federal Register / Vol. 77, No. 177 / Wednesday, September 12, 2012 / Rules and Regulations)</p>
IPC	<p>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.</p>
IPC-1755 Responsible Sourcing of Minerals Data Exchange Standard	<p>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.</p>
Necessary for the Functionality of a Product	<p>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.</p> <p>NOTE: The conflict mineral must be contained in the product to be applicable.</p> <p>*(56296 Federal Register / Vol. 77, No. 177 / Wednesday, September 12, 2012 / Rules and Regulations)</p>
Necessary for the Production of a Product	<p>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.</p> <p>*(56296 Federal Register / Vol. 77, No. 177 / Wednesday, September 12, 2012 / Rules and Regulations)</p>

ITEM	DEFINITION
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.
RBA	Responsible Business Alliance (www.responsiblebusiness.org)
Recycled or Scrap Sources	Recycled or scrap sources are recycled metals, that are reclaimed end-user or post-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.
Responsible Minerals Assurance Process (RMAP)	The Responsible Minerals Assurance Process (RMAP) is a process developed by the RBA to enhance company capability to verify the responsible sourcing of metals. Further details of the RMAP can be found here: http://www.responsiblemineralsinitiative.org/responsible-minerals-assurance-process/ .
Responsible Minerals Initiative	Founded in 2008 by members of the Responsible Business Alliance, the Responsible Minerals Initiative has grown into one of the most utilized and respected resources for companies addressing conflict minerals issues in their supply chains. Over 360 companies from ten different industries participate in the RMI today, contributing to a range of tools and resources including the Responsible Minerals Assurance Process, the Conflict Minerals Reporting Template, Reasonable Country of Origin Inquiry data and a range of guidance documents on conflict minerals sourcing. The RMI also runs regular workshops on conflict minerals issues and contributes to policy development and debates with leading civil society organizations and governments. Additional information is available at http://www.responsiblemineralsinitiative.org .
RMAP Conformant Smelter List	The Responsible Minerals Assurance Process (RMAP) Conformant Smelter List is a published list of smelters and refiners that have undergone assessment through the RMAP, a program of the Responsible Minerals Initiative (RMI) or industry equivalent program (such as Responsible Jewellery Council or London Bullion Market Association) and have been validated to be in conformance with the protocols. If a smelter or refiner is not on the list, it has either not completed a RMAP assessment or is not in conformance with the RMAP protocol. A list of smelters and refiners which have been validated to be conformant to the RMAP can be found at www.responsiblemineralsinitiative.org .
SEC	U.S. Securities and Exchange Commission (www.sec.gov)
Smelter	A smelter or refiner is a company that procures and processes mineral ore, slag and/or materials from recycled or scrap sources into refined metal or metal containing intermediate products. The output can be pure (99.5% or greater) metals, powders, ingots, bars, grains, oxides or salts. The terms "smelter" and "refiner" are used interchangeably throughout various publications.
Smelter Identification Number	A unique identification number the RMI 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 RMAP audit protocols.

ITEM	DEFINITION
Tantalum (Ta) smelter	A tantalum smelter (also known as a processor) is defined as a company that converts Ta-containing ores, concentrates, slags or secondary materials into tantalum intermediate products or other tantalum containing products for direct sales or further processing into Ta-containing products, such as Ta powders, Ta components, Ta oxides, alloys, wires, sintered bars, etc. Refer to the RMAP audit protocol for this metal for a complete description at: http://www.responsiblemineralsinitiative.org/smelter-introduction/ .
Tin (Sn) smelter	Primary [tin] smelters are companies with one or more facilities treating tin containing ore concentrates in order to produce tin metal. Secondary [tin] smelters are companies with one or more facilities that treat secondary materials by reduction for the production of crude or higher grade tin or tin product such as solder. A smelter as referred to within this audit protocol may operate as either one or both types of business operation. Refer to the RMAP audit protocol for this metal for a complete description: http://www.responsiblemineralsinitiative.org/smelter-introduction/ .
Tungsten (W) smelter	A company with one or more facilities that converts W-containing ores (such as wolframite and scheelite), W concentrates, or W-bearing scrap (secondary material) into tungsten containing intermediates such as Ammonium Para-Tungstate (APT), Ammonium Meta-Tungstate (AMT), ferrotungsten, and tungsten oxides for direct sales or further processed into W-containing products (such as W powder or W-carbide powder). Refer to the RMAP audit protocol for this metal for a complete description: http://www.responsiblemineralsinitiative.org/smelter-introduction/ .



Select Language Preference Here:

请选择你的语言:

사용할 언어를 선택하십시오 :

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Wählen sie hier die Sprache:

Selezione el language de preferencia aqui:

Selezionare la lingua di preferenza qui:

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Conflict Minerals Reporting Template (CMRT)

English

Revision 6.01
May 19, 2020

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

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

Company Name (*):	Soberton, Inc.
Declaration Scope or Class (*):	A. Company
Description of Scope:	
Company Unique ID:	
Company Unique ID Authority:	
Address:	211 N. First Street Minneapolis, MN. 55401
Contact Name (*):	Kimberly Scheerer
Email – Contact (*):	info@soberton.com
Phone – Contact (*):	612-849-6205
Authorizer (*):	Kimberly Scheerer
Title - Authorizer:	
Email - Authorizer (*):	kimberly@soberton.com
Phone - Authorizer (*):	612-849-6205
Effective Date (*):	19-May-2020

Answer the following questions 1 - 8 based on the declaration scope indicated above

1) Is any 3TG intentionally added or used in the product(s) or in the production process? (*)

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

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

	Answer	Comments
Tantalum		
Tin (*)	Yes	
Gold		
Tungsten		

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

	Answer	Comments
Tantalum		
Tin (*)	No	
Gold		
Tungsten		

4) Do any of the smelters in your supply chain source the 3TG from conflict-affected and high-risk areas? (*)

	Answer	Comments
Tantalum		
Tin (*)	No	
Gold		
Tungsten		

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

	Answer	Comments
Tantalum		
Tin (*)	Unknown	
Gold		
Tungsten		

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

	Answer	Comments
Tantalum		
Tin (*)	100%	
Gold		
Tungsten		

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

	Answer	Comments
Tantalum		
Tin (*)	Yes	
Gold		
Tungsten		

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

	Answer	Comments
Tantalum		
Tin (*)	Yes	
Gold		
Tungsten		

Answer the Following Questions at a Company Level

Question	Answer	Comments
A. Have you established a responsible minerals sourcing policy? (*)	Yes	
B. Is your responsible minerals sourcing policy publicly available on your website? (Note – If yes, the user shall specify the URL in the comment field.) (*)	No	
C. 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	
D. Have you implemented due diligence measures for responsible sourcing? (*)	No	
E. Does your company conduct Conflict Minerals survey(s) of your relevant supplier(s)? (*)	Yes, in conformance with IPC1755 (e.g., CMRT)	
F. Do you review due diligence information received from your suppliers against your company's expectations? (*)	Yes	
G. Does your review process include corrective action management? (*)	No	
H. Is your company required to file an annual conflict minerals disclosure? (*)	No	

TO BEGIN:

Revision 6.01 May 19, 2020



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

Option B: If you have a Metal and Smelter Look-up name combination, complete the following steps:

Step 1. Select Metal in column B

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

Option C: If you have a Metal and Smelter Name combination, complete the following steps:

Step 1. Select Metal in column B

Step 2: Select "Smelter Not Listed" in the Smelter Look-up drop down and complete columns D & E

Step 3. Enter all available smelter information in columns H through Q

(*) Mandatory fields are noted with an asterisk.

(1) Entry required when Smelter Look-up = "Smelter not listed"

NOTE: A combination of Options A, B and C may be used to complete the Smelter List. Do not alter autopopulated cells. All errors in the Smelter Look-up should be reported to RMI by contacting RMI@responsiblebusiness.org.

Smelter Identification Number Input Column	Metal (*)	Smelter Look-up (*)	Smelter Name (1)	Smelter Country (*)	Smelter Identification	Source of Smelter Identification Number	Smelter Street	Smelter City	Smelter Facility Location: State / Province	Smelter Contact Name	Smelter Contact Email	Proposed next steps
CID002180	Tin	Yunnan Tin Company, Ltd.		CHINA	CID002180	RMI		Gejiu	Yunnan Sheng			

Name of Mine(s) or if recycled or scrap sourced, enter "recycled" or "scrap"	Location (Country) of Mine(s) or if recycled or scrap sourced, enter "recycled" or "scrap"	Does 100% of the smelter's feedstock originate from recycled or scrap sources?	Comments

Required Fields	Answer provided	Notes
Company Name (*):	Soberton, Inc.	Complete
Declaration Scope or Class (*):	A. Company	Complete
Description of Scope:		Complete
Contact Name (*):	Kimberly Scheerer	Complete
Email – Contact (*):	info@soberton.com	Complete
Phone – Contact (*):	612-849-6205	Complete
Authorizer (*):	Kimberly Scheerer	Complete
Email - Authorizer (*):	kimberly@soberton.com	Complete
Phone - Authorizer (*):	612-849-6205	Complete
Effective Date (*):	19-May-2020	Complete

1) Is any 3TG intentionally added or used in the product(s) or in the production process? (*)

Tantalum	No	Complete
Tin (*)	Yes	Complete
Gold	No	Complete
Tungsten	No	Complete

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

Tantalum	–	Complete
Tin (*)	Yes	Complete
Gold	–	Complete
Tungsten	–	Complete

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

Tantalum	–	Complete
Tin (*)	No	Complete
Gold	–	Complete
Tungsten	–	Complete

Required Fields	Answer provided	Notes
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4) Do any of the smelters in your supply chain source the 3TG from conflict-affected and high-risk areas? (*)

Tantalum	–	Complete
Tin (*)	Unknown	Complete
Gold	–	Complete
Tungsten	–	Complete

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

Tantalum	–	Complete
Tin (*)	Unknown	Complete
Gold	–	Complete
Tungsten	–	Complete

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

Tantalum	0.00%	Complete
Tin (*)	100.00%	Complete
Gold	0.00%	Complete
Tungsten	0.00%	Complete

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

Tantalum	–	Complete
Tin (*)	Yes	Complete
Gold	–	Complete
Tungsten	–	Complete

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

Tantalum	–	Complete
Tin (*)	Yes	Complete
Gold	–	Complete
Tungsten	–	Complete

Required Fields	Answer provided	Notes
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Question

A. Have you established a responsible minerals sourcing policy? (*)	Yes	Complete
B. Is your responsible minerals sourcing policy publicly available on your website? (Note – If yes, the user shall specify the URL in the comment field.) (*)	No	Complete
The URL in the comment field	–	Complete
C. 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
D. Have you implemented due diligence measures for responsible sourcing? (*)	No	Complete
E. Does your company conduct Conflict Minerals survey(s) of your relevant supplier(s)? (*)	Yes, in conformance with IPC1755 (e.g., CMRT)	Complete
F. Do you review due diligence information received from your suppliers against your company's expectations? (*)	Yes	Complete
G. Does your review process include corrective action management? (*)	No	Complete
H. Is your company required to file an annual conflict minerals disclosure? (*)	No	Complete
Product List	No products or item numbers listed	Complete
Smelter List- Tantalum	–	Complete
Smelter List - Tin	Yes	Complete
Smelter List - Gold	–	Not Required
Smelter List - Tungsten	–	Not Required
All rows with "Smelter not listed" selected, have a name and country listed	–	N/A

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

[illegible]



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

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

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

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

Metal	Smelter Look-up (*)	Standard Smelter Names	Smelter Facility Location: Country	Smelter ID	Source of Smelter Identification Number	Smelter City	Smelter Facility Location: State / Province
Gold	8853 S.p.A.	8853 S.p.A.	ITALY	CID002763	RMI	Pero	Lombardia
Gold	Abington Reldan Metals, LLC	Abington Reldan Metals, LLC	UNITED STATES OF AMERICA	CID002708	RMI	Fairless Hills	Pennsylvania
Gold	Advanced Chemical Company	Advanced Chemical Company	UNITED STATES OF AMERICA	CID000015	RMI	Warwick	Rhode Island
Gold	African Gold Refinery	African Gold Refinery	UGANDA	CID003185	RMI	Entebbe	Wakiso
Gold	AGR (Perth Mint Australia)	Western Australian Mint (T/a The Perth Mint)	AUSTRALIA	CID002030	RMI	Newburn	Western Australia
Gold	AGR Mathey	Western Australian Mint (T/a The Perth Mint)	AUSTRALIA	CID002030	RMI	Newburn	Western Australia
Gold	Aida Chemical Industries Co., Ltd.	Aida Chemical Industries Co., Ltd.	JAPAN	CID000019	RMI	Fuchu	Tokyo
Gold	Al Ethad Gold LLC	Al Ethad Gold Refinery DMCC	UNITED ARAB EMIRATES	CID002560	RMI	Dubai	Dubayy
Gold	Al Ethad Gold Refinery DMCC	Al Ethad Gold Refinery DMCC	UNITED ARAB EMIRATES	CID002560	RMI	Dubai	Dubayy
Gold	Allgemeine Gold-und Silberscheideanstalt A.G.	Allgemeine Gold-und Silberscheideanstalt A.G.	GERMANY	CID000035	RMI	Pforzheim	Baden-Württemberg
Gold	Almalyk Mining and Metallurgical Complex (AMMC)	Almalyk Mining and Metallurgical Complex (AMMC)	UZBEKISTAN	CID000041	RMI	Almalyk	Toshkent
Gold	Amagasaki Factory, Hyogo Prefecture, Japan	Asahi Pretec Corp.	JAPAN	CID000082	RMI	Kobe	Hyogo
Gold	AngloGold Ashanti Brazil	AngloGold Ashanti Corrego do Sitio Mineracao	BRAZIL	CID000058	RMI	Nova Lima	Minas Gerais
Gold	AngloGold Ashanti Corrego do Sitio Mineracao	AngloGold Ashanti Corrego do Sitio Mineracao	BRAZIL	CID000058	RMI	Nova Lima	Minas Gerais
Gold	AngloGold Ashanti Corrego do Sitio Mineracao	AngloGold Ashanti Corrego do Sitio Mineracao	BRAZIL	CID000058	RMI	Nova Lima	Minas Gerais
Gold	Anhui Tongling Nonferrous Metal Mining Co., Ltd.	Tongling Nonferrous Metals Group Co., Ltd.	CHINA	CID001947	RMI	Tongling	Anhui Sheng
Gold	ANZ (Perth Mint 4N)	Western Australian Mint (T/a The Perth Mint)	AUSTRALIA	CID002030	RMI	Newburn	Western Australia
Gold	ANZ Bank	Western Australian Mint (T/a The Perth Mint)	AUSTRALIA	CID002030	RMI	Newburn	Western Australia
Gold	Argor-Heraeus S.A.	Argor-Heraeus S.A.	SWITZERLAND	CID000077	RMI	Mendrisio	Ticino
Gold	Asahi Pretec Corp.	Asahi Pretec Corp.	JAPAN	CID000082	RMI	Kobe	Hyogo
Gold	Asahi Refining Canada Ltd.	Asahi Refining Canada Ltd.	CANADA	CID000924	RMI	Brampton	Ontario
Gold	Asahi Refining USA Inc.	Asahi Refining USA Inc.	UNITED STATES OF AMERICA	CID000920	RMI	Salt Lake City	Utah
Gold	Asaka Riken Co., Ltd.	Asaka Riken Co., Ltd.	JAPAN	CID000090	RMI	Tamura	Fukushima
Gold	ATAkulche	Atasay Kuyumculuk Sanayi Ve Ticaret A.S.	TURKEY	CID000103	RMI	Istanbul	Istanbul
Gold	Atasay Kuyumculuk Sanayi Ve Ticaret A.S.	Atasay Kuyumculuk Sanayi Ve Ticaret A.S.	TURKEY	CID000103	RMI	Istanbul	Istanbul
Gold	AU Traders and Refiners	AU Traders and Refiners	SOUTH AFRICA	CID002850	RMI	Johannesburg	Gauteng
Gold	Augmont Enterprises Private Limited	Augmont Enterprises Private Limited	INDIA	CID003461	RMI	Mumbai	Maharashtra
Gold	Aurubis AG	Aurubis AG	GERMANY	CID000113	RMI	Hamburg	Hamburg
Gold	BALORE REFINERSGA	Bangalore Refinery	INDIA	CID002863	RMI	Bangalore	Karnataka
Gold	Bangalore Refinery	Bangalore Refinery	INDIA	CID002863	RMI	Bangalore	Karnataka
Gold	Bangalore Refinery Pvt Ltd	Bangalore Refinery	INDIA	CID002863	RMI	Bangalore	Karnataka
Gold	Bangko Sentral ng Pilipinas (Central Bank of the Philippines)	Bangko Sentral ng Pilipinas (Central Bank of the Philippines)	PHILIPPINES	CID000128	RMI	Quezon City	Rizal
Gold	Boliden AB	Boliden AB	SWEDEN	CID000157	RMI	Skeleftehamn	Västerbottens län [SE-24]
Gold	C. Hafner GmbH + Co. KG	C. Hafner GmbH + Co. KG	GERMANY	CID000176	RMI	Pforzheim	Baden-Württemberg
Gold	C.I Metales Procesados Industriales SAS	C.I Metales Procesados Industriales SAS	COLOMBIA	CID003421	RMI	Cota	Cundinamarca
Gold	Caridad	Caridad	MEXICO	CID000180	RMI	Nacoziari	Sonora
Gold	CCR	CCR Refinery - Glencore Canada Corporation	CANADA	CID000185	RMI	Montréal	Quebec
Gold	CCR	CCR Refinery - Glencore Canada Corporation	CANADA	CID000185	RMI	Montréal	Quebec
Gold	CCR Refinery - Glencore Canada Corporation	CCR Refinery - Glencore Canada Corporation	CANADA	CID000185	RMI	Montréal	Quebec
Gold	CCR Refinery - Glencore Canada Corporation	CCR Refinery - Glencore Canada Corporation	CANADA	CID000185	RMI	Montréal	Quebec
Gold	Cendres + Métaux S.A.	Cendres + Métaux S.A.	SWITZERLAND	CID000189	RMI	Biel-Bienne	Bern
Gold	Cendres + Métaux S.A.	Cendres + Métaux S.A.	SWITZERLAND	CID000189	RMI	Biel-Bienne	Bern
Gold	Cendres + Métaux S.A.	Cendres + Métaux S.A.	SWITZERLAND	CID000189	RMI	Biel-Bienne	Bern
Gold	Central Bank of the Philippines Gold Refinery & Mint	Bangko Sentral ng Pilipinas (Central Bank of the Philippines)	PHILIPPINES	CID000128	RMI	Quezon City	Rizal
Gold	CGR Metalloys Pvt Ltd.	CGR Metalloys Pvt Ltd.	INDIA	CID003382	RMI	Cochin	Kerala
Gold	CHALCO Yunnan Copper Co. Ltd.	Yunnan Copper Industry Co., Ltd.	CHINA	CID000197	RMI	Kunming	Yunnan Sheng
Gold	Chimet S.p.A.	Chimet S.p.A.	ITALY	CID000233	RMI	Arezzo	Toscana
Gold	China Henan Zhongyuan Gold Smelter	Zhongyuan Gold Smelter of Zhongjin Gold Corporation	CHINA	CID002224	RMI	Sanmenxia	Henan Sheng
Gold	China's Shandong Gold Mining Co., Ltd	The Refinery of Shandong Gold Mining Co., Ltd.	CHINA	CID001916	RMI	Laizhou	Shandong Sheng
Gold	Chugai Mining	Chugai Mining	JAPAN	CID000264	RMI	Chiyo-da	Tokyo
Gold	Daye Non-Ferrous Metals Mining Ltd.	Daye Non-Ferrous Metals Mining Ltd.	CHINA	CID000343	RMI	Huangshi	Hubei Sheng
Gold	DEGUSSA	Degussa Sonne / Mond Goldhandel GmbH	GERMANY	CID002867	RMI	Pforzheim	Baden-Württemberg
Gold	Degussa Sonne / Mond Goldhandel GmbH	Degussa Sonne / Mond Goldhandel GmbH	GERMANY	CID002867	RMI	Pforzheim	Baden-Württemberg
Gold	Dijlah Gold Refinery FZC	Dijlah Gold Refinery FZC	UNITED ARAB EMIRATES	CID003348	RMI	Sharjah	Ash Shāriqah
Gold	Do Sung Corporation	DSC (Do Sung Corporation)	KOREA, REPUBLIC OF	CID000359	RMI	Gimpo	Gyeonggi-do
Gold	Doduco	DODUCO Contacts and Refining GmbH	GERMANY	CID000362	RMI	Pforzheim	Baden-Württemberg
Gold	DODUCO Contacts and Refining GmbH	DODUCO Contacts and Refining GmbH	GERMANY	CID000362	RMI	Pforzheim	Baden-Württemberg
Gold	Dosung metal	DSC (Do Sung Corporation)	KOREA, REPUBLIC OF	CID000359	RMI	Gimpo	Gyeonggi-do
Gold	Dowa	Dowa	JAPAN	CID000401	RMI	Kosaka	Akita
Gold	Dowa Kogyo k.k.	Dowa	JAPAN	CID000401	RMI	Kosaka	Akita

Metal	Smelter Look-up (*)	Standard Smelter Names	Smelter Facility Location: Country	Smelter ID	Source of Smelter Identification Number	Smelter City	Smelter Facility Location: State / Province
Gold	Dowa Metalmine Co. Ltd	Dowa	JAPAN	CID000401	RMI	Kosaka	Akita
Gold	Dowa Metals & Mining Co. Ltd	Dowa	JAPAN	CID000401	RMI	Kosaka	Akita
Gold	DS PRETECH Co., Ltd.	DS PRETECH Co., Ltd.	KOREA, REPUBLIC OF	CID0003195	RMI	Chopyeong-myeon	Chungcheongbuk-do
Gold	DSC (Do Sung Corporation)	DSC (Do Sung Corporation)	KOREA, REPUBLIC OF	CID000359	RMI	Gimpo	Gyeonggi-do
Gold	Eco-System Recycling Co., Ltd. East Plant	Eco-System Recycling Co., Ltd. East Plant	JAPAN	CID000425	RMI	Honjo	Saitama
Gold	Eco-System Recycling Co., Ltd. North Plant	Eco-System Recycling Co., Ltd. North Plant	JAPAN	CID003424	RMI	Kazuno	Akita
Gold	Eco-System Recycling Co., Ltd. West Plant	Eco-System Recycling Co., Ltd. West Plant	JAPAN	CID003425	RMI	Okayama	Okayama
Gold	Ekaterinburg	JSC Ekaterinburg Non-Ferrous Metal Processing Plant	RUSSIAN FEDERATION	CID000927	RMI	Verkhnyaya Pyshma	Sverdlovskaya oblast'
Gold	Emirates Gold DMCC	Emirates Gold DMCC	UNITED ARAB EMIRATES	CID002561	RMI	Dubai	Dubayy
Gold	Federal State Unitary Enterprise Moscow Special Processing Plant (FSUE MZSS)	Moscow Special Alloys Processing Plant	RUSSIAN FEDERATION	CID001204	RMI	Obrucheva	Moskva
Gold	Fidelity Printers and Refiners Ltd.	Fidelity Printers and Refiners Ltd.	ZIMBABWE	CID002515	RMI	Masa	Harare
Gold	FSE Novosibirsk Refinery	OJSC Novosibirsk Refinery	RUSSIAN FEDERATION	CID000493	RMI	Novosibirsk	Novosibirskaya oblast'
Gold	Fujairah Gold FZC	Fujairah Gold FZC	UNITED ARAB EMIRATES	CID002584	RMI	Fujairah	Al Fujayrah
Gold	Fujian Zijin mining stock company gold smelter	Gold Refinery of Zijin Mining Group Co., Ltd.	CHINA	CID002243	RMI	Shanghang	Fujian Sheng
Gold	GCC Gujrat Gold Centre Pvt. Ltd.	GCC Gujrat Gold Centre Pvt. Ltd.	INDIA	CID002852	RMI	Ahmedabad	Gujarat
Gold	Geib Refining Corporation	Geib Refining Corporation	UNITED STATES OF AMERICA	CID002459	RMI	Warwick	Rhode Island
Gold	Gold Coast Refinery	Gold Coast Refinery	GHANA	CID003186	RMI	Accra	Greater Accra
Gold	Gold Mining in Shandong (Laizhou) Limited Company	The Refinery of Shandong Gold Mining Co., Ltd.	CHINA	CID001916	RMI	Laizhou	Shandong Sheng
Gold	Gold Refinery of Zijin Mining Group Co., Ltd.	Gold Refinery of Zijin Mining Group Co., Ltd.	CHINA	CID002243	RMI	Shanghang	Fujian Sheng
Gold	Great Wall Precious Metals Co., LTD.	Great Wall Precious Metals Co., Ltd. of CBPM	CHINA	CID001909	RMI	Chengdu	Sichuan Sheng
Gold	Great Wall Precious Metals Co., Ltd. of CBPM	Great Wall Precious Metals Co., Ltd. of CBPM	CHINA	CID001909	RMI	Chengdu	Sichuan Sheng
Gold	Guangdong Gaoyao Co	Guangdong Jinding Gold Limited	CHINA	CID002312	RMI	Guangzhou	Guangdong Sheng
Gold	Guangdong Jinding Gold Limited	Guangdong Jinding Gold Limited	CHINA	CID002312	RMI	Guangzhou	Guangdong Sheng
Gold	Gujarat Gold Centre	GCC Gujrat Gold Centre Pvt. Ltd.	INDIA	CID002852	RMI	Ahmedabad	Gujarat
Gold	Guoda Safina High-Tech Environmental Refinery Co., Ltd.	Guoda Safina High-Tech Environmental Refinery Co., Ltd.	CHINA	CID000651	RMI	Zhaoyuan	Shandong Sheng
Gold	Hangzhou Fuchunjiang Smelting Co., Ltd.	Hangzhou Fuchunjiang Smelting Co., Ltd.	CHINA	CID000671	RMI	Fuyang	Zhejiang Sheng
Gold	HeeSung Metal Ltd.	LT Metal Ltd.	KOREA, REPUBLIC OF	CID000689	RMI	Seo-gu	Incheon-gwangyeoksi
Gold	Heimerle + Meule GmbH	Heimerle + Meule GmbH	GERMANY	CID000694	RMI	Pforzheim	Baden-Württemberg
Gold	Henan Zhongyuan Gold Refinery Co., Ltd.	Zhongyuan Gold Smelter of Zhongjin Gold Corporation	CHINA	CID002224	RMI	Sanmenxia	Henan Sheng
Gold	Henan Zhongyuan Gold Smelter of Zhongjin Gold Co. Ltd.	Zhongyuan Gold Smelter of Zhongjin Gold Corporation	CHINA	CID002224	RMI	Sanmenxia	Henan Sheng
Gold	Henan Zhongyuan Gold Smelter of Zhongjin Gold Corporation Limited	Zhongyuan Gold Smelter of Zhongjin Gold Corporation	CHINA	CID002224	RMI	Sanmenxia	Henan Sheng
Gold	Heraeus Ltd. Hong Kong	Heraeus Metals Hong Kong Ltd.	CHINA	CID000707	RMI	Fanling	Hong Kong SAR
Gold	Heraeus Metals Hong Kong Ltd.	Heraeus Metals Hong Kong Ltd.	CHINA	CID000707	RMI	Fanling	Hong Kong SAR
Gold	Heraeus Precious Metals GmbH & Co. KG	Heraeus Precious Metals GmbH & Co. KG	GERMANY	CID000711	RMI	Hanau	Hessen
Gold	Hunan Chenzhou Mining Co., Ltd.	Hunan Chenzhou Mining Co., Ltd.	CHINA	CID000767	RMI	Yuanling	Hunan Sheng
Gold	Hunan Chenzhou Mining Group Co., Ltd.	Hunan Chenzhou Mining Co., Ltd.	CHINA	CID000767	RMI	Yuanling	Hunan Sheng
Gold	Hunan Chenzhou Mining Industry Co. Ltd.	Hunan Chenzhou Mining Co., Ltd.	CHINA	CID000767	RMI	Yuanling	Hunan Sheng
Gold	Hunan Guiyang yinxing Nonferrous Smelting Co., Ltd.	Hunan Guiyang yinxing Nonferrous Smelting Co., Ltd.	CHINA	CID000773	RMI	Chenzhou	Hunan Sheng
Gold	Hunan Yu Teng Non-Ferrous Metals Co., Ltd.	Hunan Guiyang yinxing Nonferrous Smelting Co., Ltd.	CHINA	CID000773	RMI	Chenzhou	Hunan Sheng
Gold	HwaSeong CJ CO., LTD.	HwaSeong CJ CO., LTD.	KOREA, REPUBLIC OF	CID000778	RMI	Danwon	Gyeonggi-do
Gold	Inner Mongolia Qiankun Gold and Silver Refinery Share Co., Ltd.	Inner Mongolia Qiankun Gold and Silver Refinery Share Co., Ltd.	CHINA	CID000801	RMI	Hohhot	Nei Mongol Zizhiq
Gold	International Precious Metal Refiners	International Precious Metal Refiners	UNITED ARAB EMIRATES	CID002562	RMI	Dubai	Dubayy
Gold	Ishifuku Metal Industry Co., Ltd.	Ishifuku Metal Industry Co., Ltd.	JAPAN	CID000807	RMI	Soka	Saitama
Gold	Istanbul Gold Refinery	Istanbul Gold Refinery	TURKEY	CID000814	RMI	Kuyumcukent	Istanbul
Gold	Italpreziosi	Italpreziosi	ITALY	CID002765	RMI	Arezzo	Toscana
Gold	JALAN & Company	JALAN & Company	INDIA	CID002893	RMI	New Delhi	Delhi
Gold	Japan Mint	Japan Mint	JAPAN	CID000823	RMI	Osaka	Osaka
Gold	JCC	Jiangxi Copper Co., Ltd.	CHINA	CID000855	RMI	Guixi City	Jiangxi Sheng
Gold	Jiangxi Copper Co., Ltd.	Jiangxi Copper Co., Ltd.	CHINA	CID000855	RMI	Guixi City	Jiangxi Sheng
Gold	Johnson Matthey Canada	Asahi Refining Canada Ltd.	CANADA	CID000924	RMI	Brampton	Ontario
Gold	Johnson Matthey Inc.	Asahi Refining USA Inc.	UNITED STATES OF AMERICA	CID000920	RMI	Salt Lake City	Utah
Gold	Johnson Matthey Inc. (USA)	Asahi Refining USA Inc.	UNITED STATES OF AMERICA	CID000920	RMI	Salt Lake City	Utah
Gold	Johnson Matthey Limited	Asahi Refining Canada Ltd.	CANADA	CID000924	RMI	Brampton	Ontario
Gold	JSC Ekaterinburg Non-Ferrous Metal Processing Plant	JSC Ekaterinburg Non-Ferrous Metal Processing Plant	RUSSIAN FEDERATION	CID000927	RMI	Verkhnyaya Pyshma	Sverdlovskaya oblast'
Gold	JSC Uralelectromed	JSC Uralelectromed	RUSSIAN FEDERATION	CID000929	RMI	Verkhnyaya Pyshma	Sverdlovskaya oblast'
Gold	JX Nippon Mining & Metals Co., Ltd.	JX Nippon Mining & Metals Co., Ltd.	JAPAN	CID000937	RMI	Ôita	Ôita
Gold	Kaloti Precious Metals	Kaloti Precious Metals	UNITED ARAB EMIRATES	CID002563	RMI	Dubai	Dubayy
Gold	Kazakhmys Smelting LLC	Kazakhmys Smelting LLC	KAZAKHSTAN	CID000956	RMI	Balkhash	Qaraghandy oblysy
Gold	Kazzinc	Kazzinc	KAZAKHSTAN	CID000957	RMI	Ust-Kamenogorsk	Qaraghandy oblysy
Gold	Kennecott Utah Copper LLC	Kennecott Utah Copper LLC	UNITED STATES OF AMERICA	CID000969	RMI	Magna	Utah
Gold	KGHM Polska Miedz S.A.	KGHM Polska Miedz Spolka Akcyjna	POLAND	CID002511	RMI	Lubin	Dolnośląskie
Gold	KGHM Polska Miedz Spolka Akcyjna	KGHM Polska Miedz Spolka Akcyjna	POLAND	CID002511	RMI	Lubin	Dolnośląskie
Gold	KGHM Polska Miedz Spółka Akcyjna	KGHM Polska Miedz Spolka Akcyjna	POLAND	CID002511	RMI	Lubin	Dolnośląskie
Gold	Kojima Chemicals Co., Ltd.	Kojima Chemicals Co., Ltd.	JAPAN	CID000981	RMI	Sayama	Saitama
Gold	Kojima Kagaku Yakuhin Co., Ltd	Kojima Chemicals Co., Ltd.	JAPAN	CID000981	RMI	Sayama	Saitama
Gold	Kombinat Gorniczo Hutniczy Miedz Polska Miedz S.A.	KGHM Polska Miedz Spolka Akcyjna	POLAND	CID002511	RMI	Lubin	Dolnośląskie
Gold	Korea Zinc Co., Ltd.	Korea Zinc Co., Ltd.	KOREA, REPUBLIC OF	CID002605	RMI	Gangnam	Seoul-teukbyeolsi
Gold	KUC	Kennecott Utah Copper LLC	UNITED STATES OF AMERICA	CID000969	RMI	Magna	Utah
Gold	Kundan Care Products Ltd.	Kundan Care Products Ltd.	INDIA	CID003463	RMI	Haridwar	Uttarakhand
Gold	Kyrgyzaltyn JSC	Kyrgyzaltyn JSC	KYRGYZSTAN	CID001029	RMI	Bishkek	Chüy
Gold	Kyshtym Copper-Electrolytic Plant ZAO	Kyshtym Copper-Electrolytic Plant ZAO	RUSSIAN FEDERATION	CID002865	RMI	Kyshtym	Chelyabinskaya oblast'
Gold	La Caridad	Caridad	MEXICO	CID000180	RMI	Nacozari	Sonora
Gold	LAIZHOU SHANDONG	The Refinery of Shandong Gold Mining Co., Ltd.	CHINA	CID001916	RMI	Laizhou	Shandong Sheng
Gold	L'azurde Company For Jewelry	L'azurde Company For Jewelry	SAUDI ARABIA	CID001032	RMI	Riyadh	Ar Riyāḍ
Gold	LinBao Gold Mining	Lingbao Gold Co., Ltd.	CHINA	CID001056	RMI	Lingbao	Henan Sheng
Gold	Lingbao Gold Co., Ltd.	Lingbao Gold Co., Ltd.	CHINA	CID001056	RMI	Lingbao	Henan Sheng
Gold	Lingbao Jinyuan Tonghui Refinery Co., Ltd.	Lingbao Jinyuan Tonghui Refinery Co., Ltd.	CHINA	CID001058	RMI	Lingbao	Henan Sheng
Gold	L'Orfèvre S.A.	L'Orfèvre S.A.	ANDORRA	CID002762	RMI	Andorra la Vella	Andorra la Vella
Gold	LS-NIKKO Copper Inc.	LS-NIKKO Copper Inc.	KOREA, REPUBLIC OF	CID001078	RMI	Onsan-eup	Ulsan-gwangyeoksi
Gold	LT Metal Ltd.	LT Metal Ltd.	KOREA, REPUBLIC OF	CID000689	RMI	Seo-gu	Incheon-gwangyeoksi
Gold	Luoyang Zijin Yinhui Gold Refinery Co., Ltd.	Luoyang Zijin Yinhui Gold Refinery Co., Ltd.	CHINA	CID001093	RMI	Luoyang	Henan Sheng
Gold	Luoyang Zijin Yinhui Gold Smelting	Luoyang Zijin Yinhui Gold Refinery Co., Ltd.	CHINA	CID001093	RMI	Luoyang	Henan Sheng
Gold	Luoyang Zijin Yinhui Metal Smelt Co Ltd	Luoyang Zijin Yinhui Gold Refinery Co., Ltd.	CHINA	CID001093	RMI	Luoyang	Henan Sheng
Gold	Marsam Metals	Marsam Metals	BRAZIL	CID002606	RMI	Sao Paulo	São Paulo
Gold	Materion	Materion	UNITED STATES OF AMERICA	CID001113	RMI	Buffalo	New York
Gold	Matsuda Sangyo Co., Ltd.	Matsuda Sangyo Co., Ltd.	JAPAN	CID001119	RMI	Iruma	Saitama
Gold	MEM(Sumitomo Group)	Sumitomo Metal Mining Co., Ltd.	JAPAN	CID001798	RMI	Saijo	Ehime
Gold	Metal?rgica Met-Mex Pe?oles, S.A. de C.V	Metalurgica Met-Mex Penoles S.A. De C.V.	MEXICO	CID001161	RMI	Torreón	Coahuila de Zaragoza
Gold	Metallurgie Hoboken Overpelt	Umicore S.A. Business Unit Precious Metals Refining	BELGIUM	CID001980	RMI	Hoboken	Antwerpen

Metal	Smelter Look-up (*)	Standard Smelter Names	Smelter Facility Location: Country	Smelter ID	Source of Smelter Identification Number	Smelter City	Smelter Facility Location: State / Province
Gold	Metalor Switzerland	Metalor Technologies S.A.	SWITZERLAND	CID001153	RFI	Marin	Neuchâtel
Gold	Metalor Technologies (Hong Kong) Ltd.	Metalor Technologies (Hong Kong) Ltd.	CHINA	CID001149	RFI	Kwai Chung	Hong Kong SAR
Gold	Metalor Technologies (Singapore) Pte., Ltd.	Metalor Technologies (Singapore) Pte., Ltd.	SINGAPORE	CID001152	RFI	Singapore	South West
Gold	Metalor Technologies (Suzhou) Ltd.	Metalor Technologies (Suzhou) Ltd.	CHINA	CID001147	RFI	Suzhou	Jiangsu Sheng
Gold	Metalor Technologies S.A.	Metalor Technologies S.A.	SWITZERLAND	CID001153	RFI	Marin	Neuchâtel
Gold	Metalor USA Refining Corporation	Metalor USA Refining Corporation	UNITED STATES OF AMERICA	CID001157	RFI	North Attleboro	Massachusetts
Gold	Metalurgica Met-Mex Penoles S.A. De C.V.	Metalurgica Met-Mex Penoles S.A. De C.V.	MEXICO	CID001161	RFI	Torreón	Coahuila de Zaragoza
Gold	Metalúrgica Met-Mex Peñoles S.A. De C.V.	Metalúrgica Met-Mex Peñoles S.A. De C.V.	MEXICO	CID001161	RFI	Torreón	Coahuila de Zaragoza
Gold	Met-Mex Peñoles, S.A.	Metalurgica Met-Mex Penoles S.A. De C.V.	MEXICO	CID001161	RFI	Torreón	Coahuila de Zaragoza
Gold	Met-Mex Penoles, S.A.	Metalurgica Met-Mex Penoles S.A. De C.V.	MEXICO	CID001161	RFI	Torreón	Coahuila de Zaragoza
Gold	Mitsubishi Materials Corporation	Mitsubishi Materials Corporation	JAPAN	CID001188	RFI	Naoshima	Kagawa
Gold	Mitsui Kinzoku Co., Ltd.	Mitsui Mining and Smelting Co., Ltd.	JAPAN	CID001193	RFI	Takehara	Hiroshima
Gold	Mitsui Mining and Smelting Co., Ltd.	Mitsui Mining and Smelting Co., Ltd.	JAPAN	CID001193	RFI	Takehara	Hiroshima
Gold	MMTC-PAMP India Pvt., Ltd.	MMTC-PAMP India Pvt., Ltd.	INDIA	CID002509	RFI	Mewat	Haryana
Gold	Modeltech Sdn Bhd	Modeltech Sdn Bhd	MALAYSIA	CID002857	RFI	Kawasan Perindustrian Bukit Rambai	Melaka
Gold	Morris and Watson	Morris and Watson	NEW ZEALAND	CID002282	RFI	Onehunga	Auckland
Gold	Moscow Special Alloys Processing Plant	Moscow Special Alloys Processing Plant	RUSSIAN FEDERATION	CID001204	RFI	Obuchevka	Moskva
Gold	Nadir Metal Refineri San. Ve Tic. A.S.	Nadir Metal Refineri San. Ve Tic. A.S.	TURKEY	CID001220	RFI	Bahçelievler	İstanbul
Gold	Nadir Metal Refineri San. Ve Tic. A.Ş.	Nadir Metal Refineri San. Ve Tic. A.S.	TURKEY	CID001220	RFI	Bahçelievler	İstanbul
Gold	Navoi Mining and Metallurgical Combinat	Navoi Mining and Metallurgical Combinat	UZBEKISTAN	CID001236	RFI	Navoi	Navoiy
Gold	NH Recytech Company	NH Recytech Company	KOREA, REPUBLIC OF	CID003189	RFI	Pyeongtaek-si	Gyeonggi-do
Gold	Nihon Material Co., Ltd.	Nihon Material Co., Ltd.	JAPAN	CID001259	RFI	Noda	Chiba
Gold	Niihama Toyo Smelter & Refinery	Sumitomo Metal Mining Co., Ltd.	JAPAN	CID001798	RFI	Saijo	Ehime
Gold	Norddeutsche Affinerie AG	Aurubis AG	GERMANY	CID000113	RFI	Hamburg	Hamburg
Gold	Ogussa Österreichische Gold- und Silber-Scheideanstalt GmbH	Ogussa Österreichische Gold- und Silber-Scheideanstalt GmbH	AUSTRIA	CID002779	RFI	Vienna	Wien
Gold	Ogussa Österreichische Gold- und Silber-Scheideanstalt GmbH	Ogussa Österreichische Gold- und Silber-Scheideanstalt GmbH	AUSTRIA	CID002779	RFI	Vienna	Wien
Gold	Ohura Precious Metal Industry Co., Ltd.	Ohura Precious Metal Industry Co., Ltd.	JAPAN	CID001325	RFI	Nara-shi	Nara
Gold	OJSC "The Gulidov Krasnoyarsk Non-Ferrous Metals Plant" (OJSC Krastsvetmet)	OJSC "The Gulidov Krasnoyarsk Non-Ferrous Metals Plant" (OJSC Krastsvetmet)	RUSSIAN FEDERATION	CID001326	RFI	Krasnoyarsk	Krasnoyarskiy kray
Gold	OJSC Krastsvetmet	OJSC "The Gulidov Krasnoyarsk Non-Ferrous Metals Plant" (OJSC Krastsvetmet)	RUSSIAN FEDERATION	CID001326	RFI	Krasnoyarsk	Krasnoyarskiy kray
Gold	OJSC Novosibirsk Refinery	OJSC Novosibirsk Refinery	RUSSIAN FEDERATION	CID000493	RFI	Novosibirsk	Novosibirskaya oblast'
Gold	PAMP S.A.	PAMP S.A.	SWITZERLAND	CID001352	RFI	Castel San Pietro	Ticino
Gold	Pan Pacific Copper Co Ltd.	JX Nippon Mining & Metals Co., Ltd.	JAPAN	CID000937	RFI	Ōita	Ōita
Gold	Pease & Curren	Pease & Curren	UNITED STATES OF AMERICA	CID002872	RFI	Warwick	Rhode Island
Gold	Penglai Penggang Gold Industry Co., Ltd.	Penglai Penggang Gold Industry Co., Ltd.	CHINA	CID001362	RFI	Penglai	Shandong Sheng
Gold	Perth Mint	Western Australian Mint (T/a The Perth Mint)	AUSTRALIA	CID002030	RFI	Newburn	Western Australia
Gold	Perth Mint (ANZ)	Western Australian Mint (T/a The Perth Mint)	AUSTRALIA	CID002030	RFI	Newburn	Western Australia
Gold	Planta Recuperadora de Metales SpA	Planta Recuperadora de Metales SpA	CHILE	CID002919	RFI	Mejillones	Antofagasta
Gold	Prisksky Plant of Non-Ferrous Metals	Prisksky Plant of Non-Ferrous Metals	RUSSIAN FEDERATION	CID001386	RFI	Kasimov	Ryazanskaya oblast'
Gold	Produits Artistiques de Métaux	PAMP S.A.	SWITZERLAND	CID001352	RFI	Castel San Pietro	Ticino
Gold	PT Aneka Tambang (Persero) Tbk	PT Aneka Tambang (Persero) Tbk	INDONESIA	CID001397	RFI	Jakarta	Jakarta Raya
Gold	PX Precinox S.A.	PX Precinox S.A.	SWITZERLAND	CID001498	RFI	La Chaux-de-Fonds	Neuchâtel
Gold	PX Precinox S.A.	PX Precinox S.A.	SWITZERLAND	CID001498	RFI	La Chaux-de-Fonds	Neuchâtel
Gold	QG Refining, LLC	QG Refining, LLC	UNITED STATES OF AMERICA	CID003324	RFI	Fairfield	Ohio
Gold	Rand Refinery (Pty) Ltd.	Rand Refinery (Pty) Ltd.	SOUTH AFRICA	CID001512	RFI	Germiston	Gauteng
Gold	Refinery LS-Nikko Copper Inc.	LS-NIKKO Copper Inc.	KOREA, REPUBLIC OF	CID001078	RFI	Onsan-eup	Ulsan-gwangyeoksi
Gold	Refinery of Seemine Gold Co., Ltd.	Refinery of Seemine Gold Co., Ltd.	CHINA	CID000522	RFI	Lanzhou	Gansu Sheng
Gold	Remondis Argentina B.V.	REMONDIS PMR B.V.	NETHERLANDS	CID002582	RFI	Moerdijk	Noord-Brabant
Gold	REMONDIS PMR B.V.	REMONDIS PMR B.V.	NETHERLANDS	CID002582	RFI	Moerdijk	Noord-Brabant
Gold	Royal Canadian Mint	Royal Canadian Mint	CANADA	CID001534	RFI	Ottawa	Ontario
Gold	SAAMP	SAAMP	FRANCE	CID002761	RFI	Paris	Île-de-France
Gold	Sabin Metal Corp.	Sabin Metal Corp.	UNITED STATES OF AMERICA	CID001546	RFI	Williston	North Dakota
Gold	Safimet S.p.A	Safimet S.p.A	ITALY	CID002973	RFI	Arezzo	Toscana
Gold	SAFINA A.S.	SAFINA A.S.	CZECHIA	CID002290	RFI	Vestec	Praha-západ
Gold	Saganoseki Smelter & Refinery	JX Nippon Mining & Metals Co., Ltd.	JAPAN	CID000937	RFI	Ōita	Ōita
Gold	Sai Refinery	Sai Refinery	INDIA	CID002853	RFI	Parwanoo	Himachal Pradesh
Gold	Samdok Metal	Samduck Precious Metals	KOREA, REPUBLIC OF	CID001555	RFI	Namdong	Incheon-gwangyeoksi
Gold	Samduck Precious Metals	Samduck Precious Metals	KOREA, REPUBLIC OF	CID001555	RFI	Namdong	Incheon-gwangyeoksi
Gold	Samwon Metals Corp.	Samwon Metals Corp.	KOREA, REPUBLIC OF	CID001562	RFI	Changwon	Gyeongangnam-do
Gold	SAXONIA Edelmetalle GmbH	SAXONIA Edelmetalle GmbH	GERMANY	CID002777	RFI	Halsbrücke	Sachsen
Gold	SD (Samdok) Metal	Samduck Precious Metals	KOREA, REPUBLIC OF	CID001555	RFI	Namdong	Incheon-gwangyeoksi
Gold	SEMPSA Joyeria Plateria S.A.	SEMPSA Joyeria Plateria S.A.	SPAIN	CID001585	RFI	Madrid	Madrid, Comunidad de
Gold	SEMPSA Joyeria Plateria S.A.	SEMPSA Joyeria Plateria S.A.	SPAIN	CID001585	RFI	Madrid	Madrid, Comunidad de
Gold	Sempsa JP (Cookson Sempsa)	SEMPSA Joyeria Plateria S.A.	SPAIN	CID001585	RFI	Madrid	Madrid, Comunidad de
Gold	Shandong Gold Mine(Laizhou) Smelter Co., Ltd.	The Refinery of Shandong Gold Mining Co., Ltd.	CHINA	CID001916	RFI	Laizhou	Shandong Sheng
Gold	Shandong Guoda Gold Co., Ltd.	Guoda Safina High-Tech Environmental Refinery Co., Ltd.	CHINA	CID000651	RFI	Zhaoyuan	Shandong Sheng
Gold	Shandong Humon Smelting Co., Ltd.	Shandong Humon Smelting Co., Ltd.	CHINA	CID002525	RFI	Laizhou	Shandong Sheng
Gold	Shandong middlings JinYe group Co., LTD	The Refinery of Shandong Gold Mining Co., Ltd.	CHINA	CID001916	RFI	Laizhou	Shandong Sheng
Gold	Shandong Tarzan Bio-Gold Industry Co., Ltd.	Shandong Tiancheng Biological Gold Industrial Co., Ltd.	CHINA	CID001619	RFI	Laizhou	Shandong Sheng
Gold	Shandong Tiancheng Biological Gold Industrial Co., Ltd.	Shandong Tiancheng Biological Gold Industrial Co., Ltd.	CHINA	CID001619	RFI	Laizhou	Shandong Sheng
Gold	Shandong Zhaojin Gold & Silver Refinery Co., Ltd.	Shandong Zhaojin Gold & Silver Refinery Co., Ltd.	CHINA	CID001622	RFI	Zhaoyuan	Shandong Sheng
Gold	Shangdong Gold (Laizhou)	The Refinery of Shandong Gold Mining Co., Ltd.	CHINA	CID001916	RFI	Laizhou	Shandong Sheng
Gold	Shirpur Gold Refinery Ltd.	Shirpur Gold Refinery Ltd.	INDIA	CID002588	RFI	Mumbai	Maharashtra
Gold	Shonan Plant Tanaka Kikinzoku	Tanaka Kikinzoku Kogyo K.K.	JAPAN	CID001875	RFI	Hiratsuka	Kanagawa
Gold	Shyolkovsky	SOE Shyolkovsky Factory of Secondary Precious Metals	RUSSIAN FEDERATION	CID001756	RFI	Shyolkovo	Moskovskaja oblast'
Gold	Sichuan Tianze Precious Metals Co., Ltd.	Sichuan Tianze Precious Metals Co., Ltd.	CHINA	CID001736	RFI	Chengdu	Sichuan Sheng
Gold	Singapore Tanaka	Tanaka Kikinzoku Kogyo K.K.	JAPAN	CID001875	RFI	Hiratsuka	Kanagawa
Gold	Singway Technology Co., Ltd.	Singway Technology Co., Ltd.	TAIWAN, PROVINCE OF CHINA	CID002516	RFI	Dayuan	Taoyuan
Gold	SMM	Sumitomo Metal Mining Co., Ltd.	JAPAN	CID001798	RFI	Saijo	Ehime
Gold	SOE Shyolkovsky Factory of Secondary Precious Metals	SOE Shyolkovsky Factory of Secondary Precious Metals	RUSSIAN FEDERATION	CID001756	RFI	Shyolkovo	Moskovskaja oblast'
Gold	Solar Applied Materials Technology Corp.	Solar Applied Materials Technology Corp.	TAIWAN, PROVINCE OF CHINA	CID001761	RFI	Tainan City	Tainan
Gold	SOLAR CHEMICALAPPLIED MATERIALS TECHNOLOGY (KUN SHAN)	Solar Applied Materials Technology Corp.	TAIWAN, PROVINCE OF CHINA	CID001761	RFI	Tainan City	Tainan
Gold	Solartech	Solar Applied Materials Technology Corp.	TAIWAN, PROVINCE OF CHINA	CID001761	RFI	Tainan City	Tainan
Gold	Sovereign Metals	Sovereign Metals	INDIA	CID003383	RFI		Gujarat
Gold	State Research Institute Center for Physical Sciences and Technology	State Research Institute Center for Physical Sciences and Technology	LITHUANIA	CID003153	RFI	Vilnius	Vilnius
Gold	Sudan Gold Refinery	Sudan Gold Refinery	SUDAN	CID002567	RFI	Khartoum	Khartoum
Gold	Sumitomo Kinzoku Kozan K.K.	Sumitomo Metal Mining Co., Ltd.	JAPAN	CID001798	RFI	Saijo	Ehime
Gold	Sumitomo Metal Mining Co., Ltd.	Sumitomo Metal Mining Co., Ltd.	JAPAN	CID001798	RFI	Saijo	Ehime
Gold	SungEel HiMetal Co., Ltd.	SungEel HiMetal Co., Ltd.	KOREA, REPUBLIC OF	CID002918	RFI	Gunsan-si	Jeollabuk-do
Gold	SungEel HiTech	SungEel HiMetal Co., Ltd.	KOREA, REPUBLIC OF	CID002918	RFI	Gunsan-si	Jeollabuk-do

Metal	Smelter Look-up (*)	Standard Smelter Names	Smelter Facility Location: Country	Smelter ID	Source of Smelter Identification Number	Smelter City	Smelter Facility Location: State / Province
Gold	T.C.A S.p.A	T.C.A S.p.A	ITALY	CID002580	RMI	Capolona	Toscana
Gold	Takehara Refinery	Mitsui Mining and Smelting Co., Ltd.	JAPAN	CID001193	RMI	Takehara	Hiroshima
Gold	Tamano Smelter	JX Nippon Mining & Metals Co., Ltd.	JAPAN	CID000937	RMI	Oita	Oita
Gold	Tanaka Denshi Kogyo K.K	Tanaka Kikinzoku Kogyo K.K.	JAPAN	CID001875	RMI	Hiratsuka	Kanagawa
Gold	Tanaka Electronics (Hong Kong) Pte. Ltd.	Tanaka Kikinzoku Kogyo K.K.	JAPAN	CID001875	RMI	Hiratsuka	Kanagawa
Gold	TANAKA Electronics (Malaysia) SDN. BHD.	Tanaka Kikinzoku Kogyo K.K.	JAPAN	CID001875	RMI	Hiratsuka	Kanagawa
Gold	Tanaka Electronics (Singapore) Pte. Ltd.	Tanaka Kikinzoku Kogyo K.K.	JAPAN	CID001875	RMI	Hiratsuka	Kanagawa
Gold	Tanaka Kikinzoku International	Tanaka Kikinzoku Kogyo K.K.	JAPAN	CID001875	RMI	Hiratsuka	Kanagawa
Gold	Tanaka Kikinzoku Kogyo K.K	Tanaka Kikinzoku Kogyo K.K.	JAPAN	CID001875	RMI	Hiratsuka	Kanagawa
Gold	Tanaka Kikinzoku Kogyo K.K.	Tanaka Kikinzoku Kogyo K.K.	JAPAN	CID001875	RMI	Hiratsuka	Kanagawa
Gold	Tanaka Precious Metals	Tanaka Kikinzoku Kogyo K.K.	JAPAN	CID001875	RMI	Hiratsuka	Kanagawa
Gold	The Great Wall Gold and Silver Refinery of China	Great Wall Precious Metals Co., Ltd. of CBPM	CHINA	CID001909	RMI	Chengdu	Sichuan Sheng
Gold	The Perth Mint	Western Australian Mint (T/a The Perth Mint)	AUSTRALIA	CID002030	RMI	Newbourn	Western Australia
Gold	The Refinery of Shandong Gold Mining Co., Ltd.	The Refinery of Shandong Gold Mining Co., Ltd.	CHINA	CID001916	RMI	Laizhou	Shandong Sheng
Gold	Tokuriki Honten Co., Ltd.	Tokuriki Honten Co., Ltd.	JAPAN	CID001938	RMI	Kuki	Saitama
Gold	Tongling Nonferrous Metals Group Co., Ltd.	Tongling Nonferrous Metals Group Co., Ltd.	CHINA	CID001947	RMI	Tongling	Anhui Sheng
Gold	TongLing Nonferrous Metals Group Holdings Co., Ltd.	Tongling Nonferrous Metals Group Co., Ltd.	CHINA	CID001947	RMI	Tongling	Anhui Sheng
Gold	Tony Goetz NV	Tony Goetz NV	BELGIUM	CID002587	RMI	Antwerp	Antwerpen
Gold	TOO Tau-Ken-Altyn	TOO Tau-Ken-Altyn	KAZAKHSTAN	CID002615	RMI	Astana	Almaty
Gold	Torecom	Torecom	KOREA, REPUBLIC OF	CID001955	RMI	Asan	Chungcheongnam-do
Gold	Toyo Smelter & Refinery	Sumitomo Metal Mining Co., Ltd.	JAPAN	CID001798	RMI	Saio	Ehime
Gold	Umicore Brasil Ltda.	Umicore Brasil Ltda.	BRAZIL	CID001977	RMI	Guarulhos	São Paulo
Gold	Umicore Precious Metals Refining Hoboken	Umicore S.A. Business Unit Precious Metals Refining	BELGIUM	CID001980	RMI	Hoboken	Antwerpen
Gold	Umicore Precious Metals Thailand	Umicore Precious Metals Thailand	THAILAND	CID002314	RMI	Khwaeng Dok Mai	Krung Thep Maha Nakhon
Gold	Umicore S.A. Business Unit Precious Metals Refining	Umicore S.A. Business Unit Precious Metals Refining	BELGIUM	CID001980	RMI	Hoboken	Antwerpen
Gold	United Precious Metal Refining, Inc.	United Precious Metal Refining, Inc.	UNITED STATES OF AMERICA	CID001993	RMI	Alden	New York
Gold	Valcambi S.A.	Valcambi S.A.	SWITZERLAND	CID002003	RMI	Balerna	Ticino
Gold	Western Australian Mint (T/a The Perth Mint)	Western Australian Mint (T/a The Perth Mint)	AUSTRALIA	CID002030	RMI	Newbourn	Western Australia
Gold	WIELAND Edelmetalle GmbH	WIELAND Edelmetalle GmbH	GERMANY	CID002778	RMI	Pforzheim	Baden-Württemberg
Gold	Williams Advanced Materials	Materion	UNITED STATES OF AMERICA	CID001113	RMI	Buffalo	New York
Gold	Xstrata	CCR Refinery - Glencore Canada Corporation	CANADA	CID000185	RMI	Montréal	Quebec
Gold	Xstrata	CCR Refinery - Glencore Canada Corporation	CANADA	CID000185	RMI	Montréal	Quebec
Gold	Yamakin Co., Ltd.	Yamakin Co., Ltd.	JAPAN	CID002100	RMI	Konan	Kochi
Gold	Yamamoto Precious Co., Ltd.	Yamakin Co., Ltd.	JAPAN	CID002100	RMI	Konan	Kochi
Gold	Yamamoto Precious Metal Co., Ltd.	Yamakin Co., Ltd.	JAPAN	CID002100	RMI	Konan	Kochi
Gold	Yamamoto Precision Metals	Yamakin Co., Ltd.	JAPAN	CID002100	RMI	Konan	Kochi
Gold	Yantai NUS Safina tech environmental Refinery Co. Ltd.	Guoda Safina High-Tech Environmental Refinery Co., Ltd.	CHINA	CID000651	RMI	Zhaoyuan	Shandong Sheng
Gold	Yokohama Metal Co., Ltd.	Yokohama Metal Co., Ltd.	JAPAN	CID002129	RMI	Sagamihara	Kanagawa
Gold	Yunnan Copper Industry Co., Ltd.	Yunnan Copper Industry Co., Ltd.	CHINA	CID000197	RMI	Kunming	Yunnan Sheng
Gold	Zhao Jin Mining Industry Co Ltd	Shandong Zhaojin Gold & Silver Refinery Co., Ltd.	CHINA	CID001622	RMI	Zhaoyuan	Shandong Sheng
Gold	Zhao Yuan Gold Mine	Shandong Zhaojin Gold & Silver Refinery Co., Ltd.	CHINA	CID001622	RMI	Zhaoyuan	Shandong Sheng
Gold	Zhao Yuan Gold Smelter of ZhongJin	Shandong Zhaojin Gold & Silver Refinery Co., Ltd.	CHINA	CID001622	RMI	Zhaoyuan	Shandong Sheng
Gold	Zhao Yuan Jin Kuang	Shandong Zhaojin Gold & Silver Refinery Co., Ltd.	CHINA	CID001622	RMI	Zhaoyuan	Shandong Sheng
Gold	Zhaojin Mining Industry Co., Ltd.	Shandong Zhaojin Gold & Silver Refinery Co., Ltd.	CHINA	CID001622	RMI	Zhaoyuan	Shandong Sheng
Gold	zhaojinjiyinyelian	Shandong Zhaojin Gold & Silver Refinery Co., Ltd.	CHINA	CID001622	RMI	Zhaoyuan	Shandong Sheng
Gold	Zhaoyuan Gold Group	Shandong Zhaojin Gold & Silver Refinery Co., Ltd.	CHINA	CID001622	RMI	Zhaoyuan	Shandong Sheng
Gold	Zhongjin Gold Corporation Limited	Zhongyuan Gold Smelter of Zhongjin Gold Corporation	CHINA	CID002224	RMI	Sanmenxia	Henan Sheng
Gold	Zhongyuan Gold Smelter of Zhongjin Gold Corporation	Zhongyuan Gold Smelter of Zhongjin Gold Corporation	CHINA	CID002224	RMI	Sanmenxia	Henan Sheng
Gold	Zijin Kuang Ye Refinery	Gold Refinery of Zijin Mining Group Co., Ltd.	CHINA	CID002243	RMI	Shanghang	Fujian Sheng
Gold	Zijin Mining Industry Corporation	Gold Refinery of Zijin Mining Group Co., Ltd.	CHINA	CID002243	RMI	Shanghang	Fujian Sheng
Gold	Smelter not listed						
Gold	Smelter not yet identified	Unknown	Unknown				
Tantalum	Asaka Riken Co., Ltd.	Asaka Riken Co., Ltd.	JAPAN	CID000092	RMI	Tamura	Fukushima
Tantalum	Changsha South Tantalum Niobium Co., Ltd.	Changsha South Tantalum Niobium Co., Ltd.	CHINA	CID000211	RMI	Changsha	Hunan Sheng
Tantalum	Changsha Southern	Changsha South Tantalum Niobium Co., Ltd.	CHINA	CID000211	RMI	Changsha	Hunan Sheng
Tantalum	CP Metals Inc.	CP Metals Inc.	UNITED STATES OF AMERICA	CID003402	RMI	Warren	Ohio
Tantalum	D Block Metals, LLC	D Block Metals, LLC	UNITED STATES OF AMERICA	CID002504	RMI	Gastonia	North Carolina
Tantalum	Exotech Inc.	Exotech Inc.	UNITED STATES OF AMERICA	CID000456	RMI	Pompano Beach	Florida
Tantalum	F & X	F&X Electro-Materials Ltd.	CHINA	CID000460	RMI	Jiangmen	Guangdong Sheng
Tantalum	F&X Electro-Materials Ltd.	F&X Electro-Materials Ltd.	CHINA	CID000460	RMI	Jiangmen	Guangdong Sheng
Tantalum	FIR Metals & Resource Ltd.	FIR Metals & Resource Ltd.	CHINA	CID002505	RMI	Zhuzhou	Hunan Sheng
Tantalum	Global Advanced Metals Aizu	Global Advanced Metals Aizu	JAPAN	CID002558	RMI	Aizuwakamatsu	Fukushima
Tantalum	Global Advanced Metals Boyertown	Global Advanced Metals Boyertown	UNITED STATES OF AMERICA	CID002557	RMI	Boyertown	Pennsylvania
Tantalum	Guangdong Zhiyuan New Material Co., Ltd.	Guangdong Zhiyuan New Material Co., Ltd.	CHINA	CID000616	RMI	Yingde	Guangdong Sheng
Tantalum	H.C. Starck Co., Ltd.	H.C. Starck Co., Ltd.	THAILAND	CID002544	RMI	Map Ta Phut	Rayong
Tantalum	H.C. Starck Hermsdorf GmbH	H.C. Starck Hermsdorf GmbH	GERMANY	CID002547	RMI	Hermesdorf	Thüringen
Tantalum	H.C. Starck Inc.	H.C. Starck Inc.	UNITED STATES OF AMERICA	CID002548	RMI	Newton	Massachusetts
Tantalum	H.C. Starck Ltd.	H.C. Starck Ltd.	JAPAN	CID002549	RMI	Mito	Ibaraki
Tantalum	H.C. Starck Smelting GmbH & Co. KG	H.C. Starck Smelting GmbH & Co. KG	GERMANY	CID002550	RMI	Laufenburg	Baden-Württemberg
Tantalum	H.C. Starck Tantalum and Niobium GmbH	H.C. Starck Tantalum and Niobium GmbH	GERMANY	CID002545	RMI	Goslar	Niedersachsen
Tantalum	Hengyang King Xing Lifeng New Materials Co., Ltd.	Hengyang King Xing Lifeng New Materials Co., Ltd.	CHINA	CID002492	RMI	Hengyang	Hunan Sheng
Tantalum	Jiangxi Dinghai Tantalum & Niobium Co., Ltd.	Jiangxi Dinghai Tantalum & Niobium Co., Ltd.	CHINA	CID002512	RMI	Fengxin	Jiangxi Sheng
Tantalum	Jiangxi Tuohong New Raw Material	Jiangxi Tuohong New Raw Material	CHINA	CID002842	RMI	Yichun	Jiangxi Sheng
Tantalum	JiuJiang JinXin Nonferrous Metals Co., Ltd.	JiuJiang JinXin Nonferrous Metals Co., Ltd.	CHINA	CID000914	RMI	Jiujiang	Jiangxi Sheng
Tantalum	Jiujiang Nonferrous Metals Smelting Company Limited	Jiujiang Tanbre Co., Ltd.	CHINA	CID000917	RMI	Jiujiang	Jiangxi Sheng
Tantalum	Jiujiang Tanbre Co., Ltd.	Jiujiang Tanbre Co., Ltd.	CHINA	CID000917	RMI	Jiujiang	Jiangxi Sheng
Tantalum	Jiujiang Zhongao Tantalum & Niobium Co., Ltd.	Jiujiang Zhongao Tantalum & Niobium Co., Ltd.	CHINA	CID002506	RMI	Jiujiang	Jiangxi Sheng
Tantalum	KEMET Blue Metals	KEMET Blue Metals	MEXICO	CID002539	RMI	Matamoros	Tamaulipas
Tantalum	LSM Brasil S.A.	LSM Brasil S.A.	BRAZIL	CID001076	RMI	São João del Rei	Minas Gerais
Tantalum	Metallurgical Products India Pvt. Ltd. (MPIL)	Metallurgical Products India Pvt., Ltd.	INDIA	CID001163	RMI	District Raigad	Maharashtra
Tantalum	Metallurgical Products India Pvt., Ltd.	Metallurgical Products India Pvt., Ltd.	INDIA	CID001163	RMI	District Raigad	Maharashtra
Tantalum	Mineracao Taboca S.A.	Mineracao Taboca S.A.	BRAZIL	CID001175	RMI	Presidente Figueiredo	Amazonas
Tantalum	Mineração Taboca S.A.	Mineracao Taboca S.A.	BRAZIL	CID001175	RMI	Presidente Figueiredo	Amazonas
Tantalum	Mineracao Taboca SA	Mineracao Taboca S.A.	BRAZIL	CID001175	RMI	Presidente Figueiredo	Amazonas
Tantalum	Mitsui Mining & Smelting	Mitsui Mining and Smelting Co., Ltd.	JAPAN	CID001192	RMI	Omuta	Fukuoka
Tantalum	Mitsui Mining and Smelting Co., Ltd.	Mitsui Mining and Smelting Co., Ltd.	JAPAN	CID001192	RMI	Omuta	Fukuoka
Tantalum	Molycorp Silmet A.S.	NPM Silmet AS	ESTONIA	CID001200	RMI	Sillamäe	Ida-Virumaa
Tantalum	Ningxia Non-Ferrous Metal Smeltery	Ningxia Orient Tantalum Industry Co., Ltd.	CHINA	CID001277	RMI	Shizuishan City	Ningxia Huizi Zizhiqu
Tantalum	Ningxia Orient Tantalum Industry Co., Ltd.	Ningxia Orient Tantalum Industry Co., Ltd.	CHINA	CID001277	RMI	Shizuishan City	Ningxia Huizi Zizhiqu

Metal	Smelter Look-up (*)	Standard Smelter Names	Smelter Facility Location: Country	Smelter ID	Source of Smelter Identification Number	Smelter City	Smelter Facility Location: State / Province
Tantalum	NPM Silmet AS	NPM Silmet AS	ESTONIA	CID001200	RMI	Sillamäe	Ida-Virumaa
Tantalum	Power Resources	PRG Doel	NORTH MACEDONIA	CID002847	RMI	Skopje	Skopje
Tantalum	Power Resources Ltd.	PRG Doel	NORTH MACEDONIA	CID002847	RMI	Skopje	Skopje
Tantalum	PRG Doel	PRG Doel	NORTH MACEDONIA	CID002847	RMI	Skopje	Skopje
Tantalum	QuantumClean	QuantumClean	UNITED STATES OF AMERICA	CID001508	RMI	Carrollton	Texas
Tantalum	Resind Ind e Com Ltda.	Resind Industria e Comercio Ltda.	BRAZIL	CID002707	RMI	São João del Rei	Minas gerais
Tantalum	Resind Industria e Comercio Ltda.	Resind Industria e Comercio Ltda.	BRAZIL	CID002707	RMI	São João del Rei	Minas gerais
Tantalum	Resind Indústria e Comércio Ltda.	Resind Industria e Comercio Ltda.	BRAZIL	CID002707	RMI	São João del Rei	Minas gerais
Tantalum	RFH	Yanling Jincheng Tantalum & Niobium Co., Ltd.	CHINA	CID001522	RMI	Zhuzhou	Hunan Sheng
Tantalum	RFH Tantalum Smeltry Co., Ltd.	Yanling Jincheng Tantalum & Niobium Co., Ltd.	CHINA	CID001522	RMI	Zhuzhou	Hunan Sheng
Tantalum	Solikamsk	Solikamsk Magnesium Works OAO	RUSSIAN FEDERATION	CID001769	RMI	Solikamsk	Permskiy kray
Tantalum	Solikamsk Magnesium Works OAO	Solikamsk Magnesium Works OAO	RUSSIAN FEDERATION	CID001769	RMI	Solikamsk	Permskiy kray
Tantalum	Solikamsk Metal Works	Solikamsk Magnesium Works OAO	RUSSIAN FEDERATION	CID001769	RMI	Solikamsk	Permskiy kray
Tantalum	Taki Chemicals Co., Ltd.	Taki Chemical Co., Ltd.	JAPAN	CID001869	RMI	Harima	Hyogo
Tantalum	Taki Chemicals	Taki Chemical Co., Ltd.	JAPAN	CID001869	RMI	Harima	Hyogo
Tantalum	Telex Metals	Telex Metals	UNITED STATES OF AMERICA	CID001891	RMI	Croydon	Pennsylvania
Tantalum	ULBA	Ulba Metallurgical Plant JSC	KAZAKHSTAN	CID001969	RMI	Ust-Kamenogorsk	Qaraghandy oblysy
Tantalum	Ulba Metallurgical Plant JSC	Ulba Metallurgical Plant JSC	KAZAKHSTAN	CID001969	RMI	Ust-Kamenogorsk	Qaraghandy oblysy
Tantalum	XinXing HaoRong Electronic Material Co., Ltd.	XinXing HaoRong Electronic Material Co., Ltd.	CHINA	CID002508	RMI	YunFu City	Guangdong Sheng
Tantalum	Yanling Jincheng Tantalum & Niobium Co., Ltd.	Yanling Jincheng Tantalum & Niobium Co., Ltd.	CHINA	CID001522	RMI	Zhuzhou	Hunan Sheng
Tantalum	Yanling Jincheng Tantalum Co., Ltd.	Yanling Jincheng Tantalum & Niobium Co., Ltd.	CHINA	CID001522	RMI	Zhuzhou	Hunan Sheng
Tantalum	Smelter not listed						
Tantalum	Smelter not yet identified	Unknown	Unknown				
Tin	Alent plc	Alpha	UNITED STATES OF AMERICA	CID000292	RMI	Altoona	Pennsylvania
Tin	Alpha	Alpha	UNITED STATES OF AMERICA	CID000292	RMI	Altoona	Pennsylvania
Tin	Alpha Metals	Alpha	UNITED STATES OF AMERICA	CID000292	RMI	Altoona	Pennsylvania
Tin	Alpha Metals Korea Ltd.	Alpha	UNITED STATES OF AMERICA	CID000292	RMI	Altoona	Pennsylvania
Tin	Alpha Metals Taiwan	Alpha	UNITED STATES OF AMERICA	CID000292	RMI	Altoona	Pennsylvania
Tin	An Vinh Joint Stock Mineral Processing Company	An Vinh Joint Stock Mineral Processing Company	VIET NAM	CID002703	RMI	Quy Hop	Nghê An
Tin	Brand RBT	PT Refined Bangka Tin	INDONESIA	CID001460	RMI	Sungailiat	Kepulauan Bangka Belitung
Tin	Chengfeng Metals Co Pte Ltd	Yunnan Chengfeng Non-ferrous Metals Co., Ltd.	CHINA	CID002158	RMI	Gejiu	Yunnan Sheng
Tin	Chenzhou Yun Xiang mining limited liability company	Chenzhou Yunxiang Mining and Metallurgy Co., Ltd.	CHINA	CID000228	RMI	Chenzhou	Hunan Sheng
Tin	Chenzhou Yunxiang Mining and Metallurgy Co., Ltd.	Chenzhou Yunxiang Mining and Metallurgy Co., Ltd.	CHINA	CID000228	RMI	Chenzhou	Hunan Sheng
Tin	Chifeng Dajingzi Tin Industry Co., Ltd.	Chifeng Dajingzi Tin Industry Co., Ltd.	CHINA	CID003190	RMI	Chifeng	Nei Mongol Zizhiqu
Tin	China Tin (Hechi)	China Tin Group Co., Ltd.	CHINA	CID001070	RMI	Laibin	Guangxi Zhuangzu Zizhiqu
Tin	China Tin Group Co., Ltd.	China Tin Group Co., Ltd.	CHINA	CID001070	RMI	Laibin	Guangxi Zhuangzu Zizhiqu
Tin	China Tin Lai Ben Smelter Co., Ltd.	China Tin Group Co., Ltd.	CHINA	CID001070	RMI	Laibin	Guangxi Zhuangzu Zizhiqu
Tin	China Yunnan Tin Co Ltd.	Yunnan Tin Company Limited	CHINA	CID002180	RMI	Gejiu	Yunnan Sheng
Tin	Cookson	Alpha	UNITED STATES OF AMERICA	CID000292	RMI	Altoona	Pennsylvania
Tin	Cookson (Alpha Metals Taiwan)	Alpha	UNITED STATES OF AMERICA	CID000292	RMI	Altoona	Pennsylvania
Tin	Cookson Alpha Metals (Shenzhen) Co., Ltd.	Alpha	UNITED STATES OF AMERICA	CID000292	RMI	Altoona	Pennsylvania
Tin	Dongguan CIEXP0 Environmental Engineering Co., Ltd.	Dongguan CIEXP0 Environmental Engineering Co., Ltd.	CHINA	CID003356	RMI	Dongguan	Guangdong Sheng
Tin	Dowa	Dowa	JAPAN	CID000402	RMI	Kosaka	Akita
Tin	Dowa Metaltech Co., Ltd.	Dowa	JAPAN	CID000402	RMI	Kosaka	Akita
Tin	Electro-Mechanical Facility of the Cao Bang Minerals & Metallurgy JSC	Electro-Mechanical Facility of the Cao Bang Minerals & Metallurgy JSC	VIET NAM	CID002572	RMI	Tinh Tuc	Cao Bang
Tin	EM Vinto	EM Vinto	BOLIVIA (PLURINATIONAL STATE OF)	CID000438	RMI	Oruro	Oruro
Tin	Empresa Metalúrgica Vinto	EM Vinto	BOLIVIA (PLURINATIONAL STATE OF)	CID000438	RMI	Oruro	Oruro
Tin	Empresa Nacional de Fundiciones (ENAF)	EM Vinto	BOLIVIA (PLURINATIONAL STATE OF)	CID000438	RMI	Oruro	Oruro
Tin	ENAF	EM Vinto	BOLIVIA (PLURINATIONAL STATE OF)	CID000438	RMI	Oruro	Oruro
Tin	Estanho de Rondonia S.A.	Estanho de Rondonia S.A.	BRAZIL	CID000448	RMI	Ariquemes	Rondônia
Tin	Estanho de Rondônia S.A.	Estanho de Rondonia S.A.	BRAZIL	CID000448	RMI	Ariquemes	Rondônia
Tin	Fenix Metals	Fenix Metals	POLAND	CID000468	RMI	Chmielów	Podkarpackie
Tin	Funsur Smelter	Minsur	PERU	CID001182	RMI	Paracas	Ika
Tin	Gejiu City Datun Chengfeng Smelter	Yunnan Chengfeng Non-ferrous Metals Co., Ltd.	CHINA	CID002158	RMI	Gejiu	Yunnan Sheng
Tin	Gejiu City Fuxiang Industry and Trade Co., Ltd.	Gejiu City Fuxiang Industry and Trade Co., Ltd.	CHINA	CID003410	RMI	Gejiu	Yunnan Sheng
Tin	Gejiu Fuxiang Gongmao Co., Ltd.	Gejiu City Fuxiang Industry and Trade Co., Ltd.	CHINA	CID003410	RMI	Gejiu	Yunnan Sheng
Tin	Gejiu Kai Meng Industry and Trade LLC	Gejiu Kai Meng Industry and Trade LLC	CHINA	CID000942	RMI	Gejiu	Yunnan Sheng
Tin	Gejiu Non-Ferrous Metal Processing Co., Ltd.	Gejiu Non-Ferrous Metal Processing Co., Ltd.	CHINA	CID000538	RMI	Gejiu	Yunnan Sheng
Tin	Gejiu Yunxin Nonferrous Electrolysis Co., Ltd.	Gejiu Yunxin Nonferrous Electrolysis Co., Ltd.	CHINA	CID001908	RMI	Gejiu	Yunnan Sheng
Tin	Gejiu Zi-Li	Gejiu Zili Mining And Metallurgy Co., Ltd.	CHINA	CID000555	RMI	Gejiu	Yunnan Sheng
Tin	Gejiu Zili Mining And Metallurgy Co., Ltd.	Gejiu Zili Mining And Metallurgy Co., Ltd.	CHINA	CID000555	RMI	Gejiu	Yunnan Sheng
Tin	Guang Xi Liu Xhou	China Tin Group Co., Ltd.	CHINA	CID001070	RMI	Laibin	Guangxi Zhuangzu Zizhiqu
Tin	Guang Xi Liu Zhou	China Tin Group Co., Ltd.	CHINA	CID001070	RMI	Laibin	Guangxi Zhuangzu Zizhiqu
Tin	Guangdong Hanhe Non-Ferrous Metal Co., Ltd.	Guangdong Hanhe Non-Ferrous Metal Co., Ltd.	CHINA	CID003116	RMI	Chaozhou	Guangdong Sheng
Tin	GuangXi China Tin	China Tin Group Co., Ltd.	CHINA	CID001070	RMI	Laibin	Guangxi Zhuangzu Zizhiqu
Tin	Guangxi Hua Shu Dan CO., LTD.	China Tin Group Co., Ltd.	CHINA	CID001070	RMI	Laibin	Guangxi Zhuangzu Zizhiqu
Tin	Guanyang Guida Nonferrous Metal Smelting Plant	Guanyang Guida Nonferrous Metal Smelting Plant	CHINA	CID002849	RMI	Guanyang	Guangxi Zhuangzu Zizhiqu
Tin	HuiChang Hill Tin Industry Co., Ltd.	HuiChang Hill Tin Industry Co., Ltd.	CHINA	CID002844	RMI	Ganzhou	Jiangxi Sheng
Tin	Huichang Jinshunda Tin Co., Ltd.	Huichang Jinshunda Tin Co., Ltd.	CHINA	CID000760	RMI	Ganzhou	Jiangxi Sheng
Tin	Huichang Shun Tin Kam Industries, Ltd.	Huichang Jinshunda Tin Co., Ltd.	CHINA	CID000760	RMI	Ganzhou	Jiangxi Sheng
Tin	INDONESIAN STATE TIN CORPORATION MENTOK SMELTER	PT Timah Tbk Mentok	INDONESIA	CID001482	RMI	Mentok	Kepulauan Bangka Belitung
Tin	Jiangxi Nanshan	Jiangxi New Nanshan Technology Ltd.	CHINA	CID001231	RMI	Ganzhou	Jiangxi Sheng
Tin	Jiangxi New Nanshan Technology Ltd.	Jiangxi New Nanshan Technology Ltd.	CHINA	CID001231	RMI	Ganzhou	Jiangxi Sheng
Tin	Jiangxi Shunda Huichang Kam Tin Co., Ltd.	Huichang Jinshunda Tin Co., Ltd.	CHINA	CID000760	RMI	Ganzhou	Jiangxi Sheng
Tin	Kai Union Industry and Trade Co., Ltd. (China)	Gejiu Kai Meng Industry and Trade LLC	CHINA	CID000942	RMI	Gejiu	Yunnan Sheng
Tin	Kai Unita Trade Limited Liability Company	Gejiu Kai Meng Industry and Trade LLC	CHINA	CID000942	RMI	Gejiu	Yunnan Sheng
Tin	Kaimeng (Gejiu) Industry and Trade Co., Ltd.	Gejiu Kai Meng Industry and Trade LLC	CHINA	CID000942	RMI	Gejiu	Yunnan Sheng
Tin	Kundur Smelter	PT Timah Tbk Kundur	INDONESIA	CID001477	RMI	Kundur	Riau
Tin	Liuzhou China Tin	China Tin Group Co., Ltd.	CHINA	CID001070	RMI	Laibin	Guangxi Zhuangzu Zizhiqu
Tin	Luna Smelter, Ltd.	Luna Smelter, Ltd.	RWANDA	CID003387	RMI	Kigali	Ville de Kigali
Tin	Ma'anshan Weitai Tin Co., Ltd.	Ma'anshan Weitai Tin Co., Ltd.	BRAZIL	CID003379	RMI	Maanshan	Anhui Sheng
Tin	Magnu's Minerais Metais e Ligas Ltda.	Magnu's Minerais Metais e Ligas Ltda.	BRAZIL	CID002468	RMI	São João del Rei	Minas Gerais
Tin	Malaysia Smelting Corporation (MSC)	Malaysia Smelting Corporation (MSC)	MALAYSIA	CID001105	RMI	Butterworth	Pulau Pinang
Tin	Melt Metais e Ligas S.A.	Melt Metais e Ligas S.A.	BRAZIL	CID002500	RMI	Ariquemes	Rondônia
Tin	Mentok Smelter	PT Timah Tbk Mentok	INDONESIA	CID001482	RMI	Mentok	Kepulauan Bangka Belitung
Tin	Metallic Materials Branch of Guangxi China Tin Group Co.,Ltd.	China Tin Group Co., Ltd.	CHINA	CID001070	RMI	Laibin	Guangxi Zhuangzu Zizhiqu
Tin	Metallic Resources, Inc.	Metallic Resources, Inc.	UNITED STATES OF AMERICA	CID001142	RMI	Twinsburg	Ohio
Tin	Metallo Belgium N.V.	Metallo Belgium N.V.	BELGIUM	CID002773	RMI	Beerse	Antwerpen
Tin	Metallo Spain S.L.U.	Metallo Spain S.L.U.	SPAIN	CID002774	RMI	Berango	Bizkaia

Metal	Smelter Look-up (*)	Standard Smelter Names	Smelter Facility Location: Country	Smelter ID	Source of Smelter Identification Number	Smelter City	Smelter Facility Location: State / Province
Tin	Mineracao Taboca S.A.	Mineracao Taboca S.A.	BRAZIL	CID001173	RMI	Bairro Guarapiranga	São Paulo
Tin	Mineração Taboca S.A.	Mineração Taboca S.A.	BRAZIL	CID001173	RMI	Bairro Guarapiranga	São Paulo
Tin	Mineracao Taboca SA	Mineracao Taboca S.A.	BRAZIL	CID001173	RMI	Bairro Guarapiranga	São Paulo
Tin	Minsur	Minsur	PERU	CID001182	RMI	Paracas	Ika
Tin	Mitsubishi Materials Corporation	Mitsubishi Materials Corporation	JAPAN	CID001191	RMI	Asago	Hyogo
Tin	Modeltech Sdn Bhd	Modeltech Sdn Bhd	MALAYSIA	CID002858	RMI	Kawasan Perindustrian Bukit Rambai	Melaka
Tin	MSC	Malaysia Smelting Corporation (MSC)	MALAYSIA	CID001105	RMI	Butterworth	Pulau Pinang
Tin	Nankang Nanshan Tin Manufactory Co., Ltd.	Jiangxi New Nanshan Technology Ltd.	CHINA	CID001231	RMI	Ganzhou	Jiangxi Sheng
Tin	Nanshan Tin Co. Ltd.	Jiangxi New Nanshan Technology Ltd.	CHINA	CID001231	RMI	Ganzhou	Jiangxi Sheng
Tin	Nghe Tinh Non-Ferrous Metals Joint Stock Company	Nghe Tinh Non-Ferrous Metals Joint Stock Company	VIET NAM	CID002573	RMI	Quy Hop	Nghe An
Tin	O.M. Manufacturing (Thailand) Co., Ltd.	O.M. Manufacturing (Thailand) Co., Ltd.	THAILAND	CID001314	RMI	Nongkham Sriracha	Chon Buri
Tin	O.M. Manufacturing Philippines, Inc.	O.M. Manufacturing Philippines, Inc.	PHILIPPINES	CID002517	RMI	Rosario	Cavite
Tin	OMSA	Operaciones Metalurgicas S.A.	BOLIVIA (PLURINATIONAL STATE OF)	CID001337	RMI	Oruro	Oruro
Tin	Operaciones Metalurgicas S.A.	Operaciones Metalurgicas S.A.	BOLIVIA (PLURINATIONAL STATE OF)	CID001337	RMI	Oruro	Oruro
Tin	Operaciones Metalúrgicas S.A.	Operaciones Metalurgicas S.A.	BOLIVIA (PLURINATIONAL STATE OF)	CID001337	RMI	Oruro	Oruro
Tin	Pongpipat Company Limited	Pongpipat Company Limited	MYANMAR	CID003208	RMI	Yangon	Yangon
Tin	Precious Minerals and Smelting Limited	Precious Minerals and Smelting Limited	INDIA	CID003409	RMI	Jagdapur	Chhattisgarh
Tin	PT Artha Cipta Langgeng	PT Artha Cipta Langgeng	INDONESIA	CID001399	RMI	Sungailiat	Kepulauan Bangka Belitung
Tin	PT ATD Makmur Mandiri Jaya	PT ATD Makmur Mandiri Jaya	INDONESIA	CID002503	RMI	Sungailiat	Kepulauan Bangka Belitung
Tin	PT Bangka Serumpun	PT Bangka Serumpun	INDONESIA	CID003205	RMI		Kepulauan Bangka Belitung
Tin	PT Mitra Stania Prima	PT Mitra Stania Prima	INDONESIA	CID001453	RMI	Sungailiat	Kepulauan Bangka Belitung
Tin	PT Mitra Sukses Globalindo	PT Mitra Sukses Globalindo	INDONESIA	CID003449	RMI		
Tin	PT Refined Bangka Tin	PT Refined Bangka Tin	INDONESIA	CID001460	RMI	Sungailiat	Kepulauan Bangka Belitung
Tin	PT Tambang Timah	PT Timah Tbk Kundur	INDONESIA	CID001477	RMI	Kundur	Riau
Tin	PT Timah Tbk Kundur	PT Timah Tbk Kundur	INDONESIA	CID001477	RMI	Kundur	Riau
Tin	PT Timah Tbk Mentok	PT Timah Tbk Mentok	INDONESIA	CID001482	RMI	Mentok	Kepulauan Bangka Belitung
Tin	Resind Ind e Com Ltda.	Resind Industria e Comercio Ltda.	BRAZIL	CID002706	RMI	São João del Rei	Minas gerais
Tin	Resind Industria e Comercio Ltda.	Resind Industria e Comercio Ltda.	BRAZIL	CID002706	RMI	São João del Rei	Minas gerais
Tin	Resind Indústria e Comércio Ltda.	Resind Industria e Comercio Ltda.	BRAZIL	CID002706	RMI	São João del Rei	Minas gerais
Tin	Rui Da Hung	Rui Da Hung	TAIWAN, PROVINCE OF CHINA	CID001539	RMI	Longtan Shiang Taoyuan	Taoyuan
Tin	Shunda Huichang Kam Tin Co., Ltd.	Huichang Jinshunda Tin Co., Ltd.	CHINA	CID000760	RMI	Ganzhou	Jiangxi Sheng
Tin	Smelting Branch of Yunnan Tin Company Ltd	Yunnan Tin Company Limited	CHINA	CID002180	RMI	Gejiu	Yunnan Sheng
Tin	Soft Metals Ltda.	Soft Metals Ltda.	BRAZIL	CID001758	RMI	Bebedouro	São Paulo
Tin	Super Ligas	Super Ligas	BRAZIL	CID002756	RMI	Piracicaba	São Paulo
Tin	Thai Nguyen Mining and Metallurgy Co., Ltd.	Thai Nguyen Mining and Metallurgy Co., Ltd.	VIET NAM	CID002834	RMI	Thai Nguyen	Thái Nguyên
Tin	Thai Solder Industry Corp., Ltd.	Thaisarco	THAILAND	CID001898	RMI	Amphur Muang	Phuket
Tin	Thailand Smelting & Refining Co Ltd	Thaisarco	THAILAND	CID001898	RMI	Amphur Muang	Phuket
Tin	Thaisarco	Thaisarco	THAILAND	CID001898	RMI	Amphur Muang	Phuket
Tin	The Gejiu cloud new colored electrolytic	Gejiu Yunxin Nonferrous Electrolysis Co., Ltd.	CHINA	CID001908	RMI	Gejiu	Yunnan Sheng
Tin	Tin Products Manufacturing Co.LTD. of YTCL	Yunnan Tin Company Limited	CHINA	CID002180	RMI	Gejiu	Yunnan Sheng
Tin	Tin Technology & Refining	Tin Technology & Refining	UNITED STATES OF AMERICA	CID003325	RMI	West Chester	Pennsylvania
Tin	Toboca/ Paranapenema	Mineracao Taboca S.A.	BRAZIL	CID001173	RMI	Bairro Guarapiranga	São Paulo
Tin	Tuyen Quang Non-Ferrous Metals Joint Stock Company	Tuyen Quang Non-Ferrous Metals Joint Stock Company	VIET NAM	CID002574	RMI	Tan Quang	Tuyên Quang
Tin	Unit Timah Kundur PT Tambang	PT Timah Tbk Kundur	INDONESIA	CID001477	RMI	Kundur	Riau
Tin	White Solder Metalurgia e Mineracao Ltda.	White Solder Metalurgia e Mineracao Ltda.	BRAZIL	CID002036	RMI	Ariquemes	Rondônia
Tin	White Solder Metalurgia e Mineração Ltda.	White Solder Metalurgia e Mineracao Ltda.	BRAZIL	CID002036	RMI	Ariquemes	Rondônia
Tin	White Solder Metalurgica	White Solder Metalurgia e Mineracao Ltda.	BRAZIL	CID002036	RMI	Ariquemes	Rondônia
Tin	XiHai - Liuzhou China Tin Group Co ltd	China Tin Group Co., Ltd.	CHINA	CID001070	RMI	Laibin	Guangxi Zhuangzu Zizhiqu
Tin	YTCL	Yunnan Tin Company Limited	CHINA	CID002180	RMI	Gejiu	Yunnan Sheng
Tin	Yunan Gejiu Yunxin Electrolyze Limited	Gejiu Yunxin Nonferrous Electrolysis Co., Ltd.	CHINA	CID001908	RMI	Gejiu	Yunnan Sheng
Tin	Yunnan Adventure Co., Ltd.	Yunnan Chengfeng Non-ferrous Metals Co., Ltd.	CHINA	CID002158	RMI	Gejiu	Yunnan Sheng
Tin	Yunnan Chengfeng	Yunnan Chengfeng Non-ferrous Metals Co., Ltd.	CHINA	CID002158	RMI	Gejiu	Yunnan Sheng
Tin	Yunnan Chengfeng Non-ferrous Metals Co., Ltd.	Yunnan Chengfeng Non-ferrous Metals Co., Ltd.	CHINA	CID002158	RMI	Gejiu	Yunnan Sheng
Tin	YunNan Gejiu Yunxin Electrolyze Limited	Gejiu Yunxin Nonferrous Electrolysis Co., Ltd.	CHINA	CID001908	RMI	Gejiu	Yunnan Sheng
Tin	Yunnan Gejiu Zili Metallurgy Co. Ltd.	Gejiu Zili Mining And Metallurgy Co., Ltd.	CHINA	CID000555	RMI	Gejiu	Yunnan Sheng
Tin	Yunnan ride non-ferrous metal co., LTD	Yunnan Chengfeng Non-ferrous Metals Co., Ltd.	CHINA	CID002158	RMI	Gejiu	Yunnan Sheng
Tin	Yunnan Tin Company Limited	Yunnan Tin Company Limited	CHINA	CID002180	RMI	Gejiu	Yunnan Sheng
Tin	Yunnan Tin Company, Ltd.	Yunnan Tin Company Limited	CHINA	CID002180	RMI	Gejiu	Yunnan Sheng
Tin	Yunnan wind Nonferrous Metals Co., Ltd.	Yunnan Chengfeng Non-ferrous Metals Co., Ltd.	CHINA	CID002158	RMI	Gejiu	Yunnan Sheng
Tin	Yunnan Xi YE	Yunnan Tin Company Limited	CHINA	CID002180	RMI	Gejiu	Yunnan Sheng
Tin	Yunnan Yunfan Non-ferrous Metals Co., Ltd.	Yunnan Yunfan Non-ferrous Metals Co., Ltd.	CHINA	CID003397	RMI	Gejiu	Yunnan Sheng
Tin	Yuntinic Resources	Yunnan Tin Company Limited	CHINA	CID002180	RMI	Gejiu	Yunnan Sheng
Tin	YUNXIN colored electrolysis Company Limited	Gejiu Yunxin Nonferrous Electrolysis Co., Ltd.	CHINA	CID001908	RMI	Gejiu	Yunnan Sheng
Tin	Smelter not listed						
Tin	Smelter not yet identified	Unknown	Unknown				
Tungsten	A.L.M.T. Corp.	A.L.M.T. Corp.	JAPAN	CID000004	RMI	Toyama City	Toyama
Tungsten	A.L.M.T. TUNGSTEN Corp.	A.L.M.T. Corp.	JAPAN	CID000004	RMI	Toyama City	Toyama
Tungsten	ACL Metais Eireli	ACL Metais Eireli	BRAZIL	CID002833	RMI	Araçariçuama	São Paulo
Tungsten	Albasteel Industria e Comercio de Ligas Para Fundicao Ltd.	Albasteel Industria e Comercio de Ligas Para Fundicao Ltd.	BRAZIL	CID003427	RMI	Sao Paulo	São Paulo
Tungsten	Allied Material Corporation	A.L.M.T. Corp.	JAPAN	CID000004	RMI	Toyama City	Toyama
Tungsten	ALMT Corp	A.L.M.T. Corp.	JAPAN	CID000004	RMI	Toyama City	Toyama
Tungsten	ALMT Sumitomo Group	A.L.M.T. Corp.	JAPAN	CID000004	RMI	Toyama City	Toyama
Tungsten	Asia Tungsten Products Vietnam Ltd.	Asia Tungsten Products Vietnam Ltd.	VIET NAM	CID002502	RMI	Vinh Bao District	Hai Phong
Tungsten	ATI Metalworking Products	Kennametal Huntsville	UNITED STATES OF AMERICA	CID000105	RMI	Huntsville	Alabama
Tungsten	ATI Tungsten Materials	Kennametal Huntsville	UNITED STATES OF AMERICA	CID000105	RMI	Huntsville	Alabama
Tungsten	Chaozhou Xianglu Tungsten Industry Co., Ltd.	Guangdong Xianglu Tungsten Co., Ltd.	CHINA	CID000218	RMI	Chaozhou	Guangdong Sheng
Tungsten	Chenzhou Diamond Tungsten Products Co., Ltd.	Chenzhou Diamond Tungsten Products Co., Ltd.	CHINA	CID002513	RMI	Chenzhou	Hunan Sheng
Tungsten	China Molybdenum Co., Ltd.	China Molybdenum Co., Ltd.	CHINA	CID002641	RMI	Luoyang	Hunan Sheng
Tungsten	China MuYe Tungsten Co., Ltd.	China Molybdenum Co., Ltd.	CHINA	CID002641	RMI	Luoyang	Hunan Sheng
Tungsten	China National Non Ferrous	Ganzhou Huaxing Tungsten Products Co., Ltd.	CHINA	CID000875	RMI	Ganzhou	Jiangxi Sheng
Tungsten	Chongyi Zhangyuan Tungsten Co., Ltd.	Chongyi Zhangyuan Tungsten Co., Ltd.	CHINA	CID000258	RMI	Ganzhou	Jiangxi Sheng
Tungsten	CNMC (Guangxi) PGMA Co., Ltd.	CNMC (Guangxi) PGMA Co., Ltd.	CHINA	CID000281	RMI	Hezhou	Guangxi Zhuangzu Zizhiqu
Tungsten	CP Metals Inc.	CP Metals Inc.	UNITED STATES OF AMERICA	CID003448	RMI	Warren	Ohio
Tungsten	Cronimet Brasil Ltda	Cronimet Brasil Ltda	BRAZIL	CID003468	RMI	Araquari	Santa Catarina
Tungsten	Fujian Ganmin RareMetal Co., Ltd.	Fujian Ganmin RareMetal Co., Ltd.	CHINA	CID003401	RMI	Longyan	Fujian Sheng
Tungsten	Fujian Jinxin Tungsten Co., Ltd.	Fujian Jinxin Tungsten Co., Ltd.	CHINA	CID000499	RMI	Yanshi	Fujian Sheng
Tungsten	Ganzhou Haichuang Tungsten Co., Ltd.	Ganzhou Haichuang Tungsten Co., Ltd.	CHINA	CID002645	RMI	Ganzhou	Jiangxi Sheng
Tungsten	Ganzhou Huaxing Tungsten Products Co., Ltd.	Ganzhou Huaxing Tungsten Products Co., Ltd.	CHINA	CID000875	RMI	Ganzhou	Jiangxi Sheng
Tungsten	Ganzhou Jiangwu Ferrotungsten Co., Ltd.	Ganzhou Jiangwu Ferrotungsten Co., Ltd.	CHINA	CID002315	RMI	Ganzhou	Jiangxi Sheng

Metal	Smelter Look-up (*)	Standard Smelter Names	Smelter Facility Location: Country	Smelter ID	Source of Smelter Identification Number	Smelter City	Smelter Facility Location: State / Province
Tungsten	Ganzhou Seadragon W & Mo Co., Ltd.	Ganzhou Seadragon W & Mo Co., Ltd.	CHINA	CID002494	RM	Ganzhou	Jiangxi Sheng
Tungsten	GEM Co., Ltd.	GEM Co., Ltd.	CHINA	CID003417	RM		
Tungsten	Global Tungsten & Powders Corp.	Global Tungsten & Powders Corp.	UNITED STATES OF AMERICA	CID000568	RM	Towanda	Pennsylvania
Tungsten	GTP	Global Tungsten & Powders Corp.	UNITED STATES OF AMERICA	CID000568	RM	Towanda	Pennsylvania
Tungsten	Guangdong Xianglu Tungsten Co., Ltd.	Guangdong Xianglu Tungsten Co., Ltd.	CHINA	CID000218	RM	Chaozhou	Guangdong Sheng
Tungsten	H.C. Starck Smelting GmbH & Co. KG	H.C. Starck Smelting GmbH & Co. KG	GERMANY	CID002542	RM	Laufenburg	Baden-Württemberg
Tungsten	H.C. Starck Tungsten GmbH	H.C. Starck Tungsten GmbH	GERMANY	CID002541	RM	Goslar	Niedersachsen
Tungsten	Han River Pelican State Alloy Co., Ltd.	Ganzhou Jiangwu Ferrotungsten Co., Ltd.	CHINA	CID002315	RM	Ganzhou	Jiangxi Sheng
Tungsten	Human Chun-Chang non-ferrous Smelting & Concentrating Co., Ltd.	Hunan Chunchang Nonferrous Metals Co., Ltd.	CHINA	CID000769	RM	Hengyang	Hunan Sheng
Tungsten	Hunan Chenzhou Mining Co., Ltd.	Hunan Chenzhou Mining Co., Ltd.	CHINA	CID000766	RM	Yuanling	Hunan Sheng
Tungsten	Hunan Chenzhou Mining Group Co., Ltd.	Hunan Chenzhou Mining Co., Ltd.	CHINA	CID000766	RM	Yuanling	Hunan Sheng
Tungsten	Hunan Chuangda Vanadium Tungsten Co., Ltd. Wuji	Hunan Chuangda Vanadium Tungsten Co., Ltd. Wuji	CHINA	CID002579	RM	Hengyang	Hunan Sheng
Tungsten	Hunan Chunchang Nonferrous Metals Co., Ltd.	Hunan Chunchang Nonferrous Metals Co., Ltd.	CHINA	CID000769	RM	Hengyang	Hunan Sheng
Tungsten	Hunan Litian Tungsten Industry Co., Ltd.	Hunan Litian Tungsten Industry Co., Ltd.	CHINA	CID003182	RM	Yiyang	Hunan Sheng
Tungsten	Hydrometallurg, JSC	Hydrometallurg, JSC	RUSSIAN FEDERATION	CID002649	RM	Nalchik	Kabardino-Balkarskaya Resp
Tungsten	Japan New Metals Co., Ltd.	Japan New Metals Co., Ltd.	JAPAN	CID000825	RM	Akita City	Akita
Tungsten	Jiangwu H.C. Starck Tungsten Products Co., Ltd.	Jiangwu H.C. Starck Tungsten Products Co., Ltd.	CHINA	CID002551	RM	Ganzhou	Jiangxi Sheng
Tungsten	Jiangxi Dayu Longxintai Tungsten Co., Ltd.	Jiangxi Xianglu Tungsten Co., Ltd.	CHINA	CID002647	RM	Huanglong	Jiangxi Sheng
Tungsten	Jiangxi Gan Bei Tungsten Co., Ltd.	Jiangxi Gan Bei Tungsten Co., Ltd.	CHINA	CID002321	RM	Xiushui	Jiangxi Sheng
Tungsten	Jiangxi Minmetals Gao'an Non-ferrous Metals Co., Ltd.	Jiangxi Minmetals Gao'an Non-ferrous Metals Co., Ltd.	CHINA	CID002313	RM	Gao'an	Jiangxi Sheng
Tungsten	Jiangxi Tonggu Non-ferrous Metallurgical & Chemical Co., Ltd.	Jiangxi Tonggu Non-ferrous Metallurgical & Chemical Co., Ltd.	CHINA	CID002318	RM	Tonggu	Jiangxi Sheng
Tungsten	Jiangxi Tungsten Co Ltd	Ganzhou Huaxing Tungsten Products Co., Ltd.	CHINA	CID000875	RM	Ganzhou	Jiangxi Sheng
Tungsten	Jiangxi Tungsten Industry Group Co. Ltd.	Ganzhou Huaxing Tungsten Products Co., Ltd.	CHINA	CID000875	RM	Ganzhou	Jiangxi Sheng
Tungsten	Jiangxi Xianglu Tungsten Co., Ltd.	Jiangxi Xianglu Tungsten Co., Ltd.	CHINA	CID002647	RM	Huanglong	Jiangxi Sheng
Tungsten	Jiangxi Xincheng Tungsten Industry Co., Ltd.	Jiangxi Xincheng Tungsten Industry Co., Ltd.	CHINA	CID002317	RM	Ganzhou	Jiangxi Sheng
Tungsten	Jiangxi Yaosheng Tungsten Co., Ltd.	Jiangxi Yaosheng Tungsten Co., Ltd.	CHINA	CID002316	RM	Ganzhou	Jiangxi Sheng
Tungsten	JSC "Kirovgrad Hard Alloys Plant"	JSC "Kirovgrad Hard Alloys Plant"	RUSSIAN FEDERATION	CID003408	RM	Kirovgrad	Sverdlovskaya oblast'
Tungsten	Kennametal Fallon	Kennametal Fallon	UNITED STATES OF AMERICA	CID000966	RM	Fallon	Nevada
Tungsten	Kennametal Huntsville	Kennametal Huntsville	UNITED STATES OF AMERICA	CID000105	RM	Huntsville	Alabama
Tungsten	KGETS Co., Ltd.	KGETS Co., Ltd.	KOREA, REPUBLIC OF	CID003388	RM	Siheung-si	Gyeonggi-do
Tungsten	Lianyou Metals Co., Ltd.	Lianyou Metals Co., Ltd.	TAIWAN, PROVINCE OF CHINA	CID003407	RM	Fangliao	Pingtung
Tungsten	Malipo Haiyu Tungsten Co., Ltd.	Malipo Haiyu Tungsten Co., Ltd.	CHINA	CID002319	RM	Nanfeng Xiaozhai	Yunnan Sheng
Tungsten	Masan Tungsten Chemical LLC (MTC)	Masan Tungsten Chemical LLC (MTC)	VIET NAM	CID002543	RM	Dai Tu	Thái Nguyên
Tungsten	Moliren Ltd.	Moliren Ltd.	RUSSIAN FEDERATION	CID002845	RM	Roshal	Moskovskaja oblast'
Tungsten	Niagara Refining LLC	Niagara Refining LLC	UNITED STATES OF AMERICA	CID002589	RM	Depew	New York
Tungsten	NPP Tyazhmetprom LLC	NPP Tyazhmetprom LLC	RUSSIAN FEDERATION	CID003416	RM	Kopeysk	Chelyabinskaya Oblast'
Tungsten	Nui Phao H.C. Starck Tungsten Chemicals Manufacturing LLC	Masan Tungsten Chemical LLC (MTC)	VIET NAM	CID002543	RM	Dai Tu	Thái Nguyên
Tungsten	Philippine Chuangxin Industrial Co., Inc.	Philippine Chuangxin Industrial Co., Inc.	PHILIPPINES	CID002827	RM	Marilao	Bulacan
Tungsten	Shaoguan Xinhai Rendan Tungsten Industry Co. Ltd	Xinhai Rendan Shaoguan Tungsten Co., Ltd.	CHINA	CID002095	RM	Shaoguan	Guangdong Sheng
Tungsten	Teijing (Vietnam) Tungsten Co., Ltd.	Teijing (Vietnam) Tungsten Co., Ltd.	VIET NAM	CID001889	RM	Halong City	Tây Ninh
Tungsten	Unecha Refractory metals plant	Unecha Refractory metals plant	RUSSIAN FEDERATION	CID002724	RM	Unecha	Bryanskaya oblast'
Tungsten	WBH	Wolfram Bergbau und Hutten AG	AUSTRIA	CID002044	RM	St. Martin i-S	Steiermark
Tungsten	WBH,Wolfram [Austria]	Wolfram Bergbau und Hutten AG	AUSTRIA	CID002044	RM	St. Martin i-S	Steiermark
Tungsten	Wolfram Bergbau und Hutten AG	Wolfram Bergbau und Hutten AG	AUSTRIA	CID002044	RM	St. Martin i-S	Steiermark
Tungsten	Wolfram Bergbau und Hutten AG	Wolfram Bergbau und Hutten AG	AUSTRIA	CID002044	RM	St. Martin i-S	Steiermark
Tungsten	Woltech Korea Co., Ltd.	Woltech Korea Co., Ltd.	KOREA, REPUBLIC OF	CID002843	RM	Gyeongju-si	Gyeongsangbuk-do
Tungsten	Xiamen H.C.	Xiamen Tungsten (H.C.) Co., Ltd.	CHINA	CID002320	RM	Xiamen	Fujian Sheng
Tungsten	Xiamen Tungsten (H.C.) Co., Ltd.	Xiamen Tungsten (H.C.) Co., Ltd.	CHINA	CID002320	RM	Xiamen	Fujian Sheng
Tungsten	Xiamen Tungsten Co., Ltd.	Xiamen Tungsten Co., Ltd.	CHINA	CID002082	RM	Xiamen	Fujian Sheng
Tungsten	Xinfeng Huarui Tungsten & Molybdenum New Material Co., Ltd.	Xinfeng Huarui Tungsten & Molybdenum New Material Co., Ltd.	CHINA	CID002830	RM	Ganzhou	Jiangxi Sheng
Tungsten	Xinhai Rendan Shaoguan Tungsten Co., Ltd.	Xinhai Rendan Shaoguan Tungsten Co., Ltd.	CHINA	CID002095	RM	Shaoguan	Guangdong Sheng
Tungsten	Zhangyuan Tungsten Co Ltd	Chongyi Zhangyuan Tungsten Co., Ltd.	CHINA	CID000258	RM	Ganzhou	Jiangxi Sheng
Tungsten	洛阳栾川钼业集团钨业有限公司	China Molybdenum Co., Ltd.	CHINA	CID002641	RM	Luoyang	Hunan Sheng
Tungsten	JSC "Kirovgrad Hard Alloys Plant"	JSC "Kirovgrad Hard Alloys Plant"	RUSSIAN FEDERATION	CID003408	RM	Kirovgrad	Sverdlovskaya oblast'
Tungsten	Kennametal Fallon	Kennametal Fallon	UNITED STATES OF AMERICA	CID000966	RM	Fallon	Nevada
Tungsten	Kennametal Huntsville	Kennametal Huntsville	UNITED STATES OF AMERICA	CID000105	RM	Huntsville	Alabama
Tungsten	KGETS Co., Ltd.	KGETS Co., Ltd.	KOREA, REPUBLIC OF	CID003388	RM	Siheung-si	Gyeonggi-do
Tungsten	Lianyou Metals Co., Ltd.	Lianyou Metals Co., Ltd.	TAIWAN, PROVINCE OF CHINA	CID003407	RM	Fangliao	Pingtung
Tungsten	Malipo Haiyu Tungsten Co., Ltd.	Malipo Haiyu Tungsten Co., Ltd.	CHINA	CID002319	RM	Nanfeng Xiaozhai	Yunnan Sheng
Tungsten	Masan Tungsten Chemical LLC (MTC)	Masan Tungsten Chemical LLC (MTC)	VIET NAM	CID002543	RM	Dai Tu	Thái Nguyên
Tungsten	Moliren Ltd.	Moliren Ltd.	RUSSIAN FEDERATION	CID002845	RM	Roshal	Moskovskaja oblast'
Tungsten	Niagara Refining LLC	Niagara Refining LLC	UNITED STATES OF AMERICA	CID002589	RM	Depew	New York
Tungsten	Nui Phao H.C. Starck Tungsten Chemicals Manufacturing LLC	Masan Tungsten Chemical LLC (MTC)	VIET NAM	CID002543	RM	Dai Tu	Thái Nguyên
Tungsten	Philippine Chuangxin Industrial Co., Inc.	Philippine Chuangxin Industrial Co., Inc.	PHILIPPINES	CID002827	RM	Marilao	Bulacan
Tungsten	Shaoguan Xinhai Rendan Tungsten Industry Co. Ltd	Xinhai Rendan Shaoguan Tungsten Co., Ltd.	CHINA	CID002095	RM	Shaoguan	Guangdong Sheng
Tungsten	South-East Nonferrous Metal Company Limited of Hengyang City	South-East Nonferrous Metal Company Limited of Hengyang City	CHINA	CID002815	RM	Hengyang	Hunan Sheng
Tungsten	Teijing (Vietnam) Tungsten Co., Ltd.	Teijing (Vietnam) Tungsten Co., Ltd.	VIET NAM	CID001889	RM	Halong City	Tây Ninh
Tungsten	Unecha Refractory metals plant	Unecha Refractory metals plant	RUSSIAN FEDERATION	CID002724	RM	Unecha	Bryanskaya oblast'
Tungsten	WBH	Wolfram Bergbau und Hutten AG	AUSTRIA	CID002044	RM	St. Martin i-S	Steiermark
Tungsten	WBH,Wolfram [Austria]	Wolfram Bergbau und Hutten AG	AUSTRIA	CID002044	RM	St. Martin i-S	Steiermark
Tungsten	Wolfram Bergbau und Hutten AG	Wolfram Bergbau und Hutten AG	AUSTRIA	CID002044	RM	St. Martin i-S	Steiermark
Tungsten	Wolfram Bergbau und Hutten AG	Wolfram Bergbau und Hutten AG	AUSTRIA	CID002044	RM	St. Martin i-S	Steiermark
Tungsten	Woltech Korea Co., Ltd.	Woltech Korea Co., Ltd.	KOREA, REPUBLIC OF	CID002843	RM	Gyeongju-si	Gyeongsangbuk-do
Tungsten	Xiamen H.C.	Xiamen Tungsten (H.C.) Co., Ltd.	CHINA	CID002320	RM	Xiamen	Fujian Sheng
Tungsten	Xiamen Tungsten (H.C.) Co., Ltd.	Xiamen Tungsten (H.C.) Co., Ltd.	CHINA	CID002320	RM	Xiamen	Fujian Sheng
Tungsten	Xiamen Tungsten Co., Ltd.	Xiamen Tungsten Co., Ltd.	CHINA	CID002082	RM	Xiamen	Fujian Sheng
Tungsten	Xinfeng Huarui Tungsten & Molybdenum New Material Co., Ltd.	Xinfeng Huarui Tungsten & Molybdenum New Material Co., Ltd.	CHINA	CID002830	RM	Ganzhou	Jiangxi Sheng
Tungsten	Xinhai Rendan Shaoguan Tungsten Co., Ltd.	Xinhai Rendan Shaoguan Tungsten Co., Ltd.	CHINA	CID002095	RM	Shaoguan	Guangdong Sheng
Tungsten	Zhangyuan Tungsten Co Ltd	Chongyi Zhangyuan Tungsten Co., Ltd.	CHINA	CID000258	RM	Ganzhou	Jiangxi Sheng
Tungsten	洛阳栾川钼业集团钨业有限公司	China Molybdenum Co., Ltd.	CHINA	CID002641	RM	Luoyang	Hunan Sheng
Tungsten	Smelter not listed						
Tungsten	Smelter not yet identified	Unknown	Unknown				