

Conflict Minerals



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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 "SEMPESA" as an alias for "SEMPESA 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 Billi Tin 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	<ol style="list-style-type: none"> Resolved Excel 2003 incompatibility with programming for multiple languages. Minor corrections to row number references in the instructions. Added translation on checker sheet for the Column Name "Hyperlink to Source" Corrected Japanese translation of "authorized representative" and "representative" on Declaration worksheet. Adjusted row spacing of misc cells to allow for different lengths of translated text and comments. Removed the symbols for the metals on the standard smelter list (e.g., "Sn"). Deleted text "If no for all metals, you are done with this survey." from question 1 on the Declaration worksheet. 	<ol style="list-style-type: none"> Added "Fujian Jinxin Tungsten Co., Ltd." as tungsten refiner Added "Dayu Weiliang Tungsten Co., Ltd." as tungsten refiner Added "Xinhai Rendian Shaoquan Tungsten Co., Ltd." as tungsten refiner Added "Hunan Chun-Chang Nonferrous Smelting & Concentrating Co., Ltd." as tungsten refiner Added "Jiangxi Minmetals Gao'an Non-ferrous Metals Co., Ltd." as tungsten refiner Corrected the spelling of "Allydne" to "Allydne" Corrected the spelling of "Allydne Powder Technologies" to "Allydne Powder Technologies" Corrected the spelling of "Korea Metal" to "Korea Metal Co. Ltd" Added "LMS Brasil S.A." as tantalum smelter Added "QuantumClean" as tantalum smelter Added "Taki Chemicals" as tantalum smelter Added "Tantalite Resources" as tantalum smelter Corrected naming inconsistency of "Ohio Precious Metals LLC." on standard smelter list and alias table. Corrected naming inconsistency of "The Refinery of Shandong Gold Mining Co., Ltd" on standard smelter list and alias table. Added "Molycorp Silmet" as tantalum smelter Added "King-Tan Tantalum Industry Ltd" as tantalum smelter Added "CooperMetal" as an alias of "Coopersanta" Corrected the spelling of "Malaysia Smelting Corp" to "Malaysia Smelting Corporation (MSC)" Corrected the spelling of "Asahi Pretec Corp" to "Asahi Pretec Corporation" Corrected the spelling of "United Precious Metal Refining Inc." to "United Precious Metal Refining, Inc." Added "Fenix Metals" as tin smelter Changed alias "Bangka Tin" from "PT Tambang Timah" to "PT Timah" Added "Ketapang" as an alias of "PT Bangka Putra Karya" Corrected the Smelter ID of Cooper Santa from "2IDN063" to "2BRA063" Added "Kundur" as an alias of "PT Tambang Timah" Added "TT" as an alias of "PT Tambang Timah" Added "CooperMetal" as an alias of "Coopersanta" Corrected spelling of "CV Prima Timah Utama" to "PT Prima Timah Utama".
2.03a	John Plyler, BlackBerry	July 25th, 2013	No functional change.	<ol style="list-style-type: none"> Corrected the spelling of "ALMT" to "A.L.M.T. Corp." Added "A.L.M.T. Tungsten Corp", "Allied Material Corp", and "ALMT" as aliases of "A.L.M.T. Corp." Corrected country of "A.L.M.T. Corp." to "Japan" and smelter ID to "4JPN020" Changed alias "Wolfram" for "Wolfram Company CJSC" to "Wolfram [Russia]" Added "Wolfram [Austria]" as an alias of "Wolfram Bergbau und Hütten AG" Added "Kennametal Inc." as a tungsten refiner 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	<p>Major update to synchronize the CFSI CMRT with the data fields in the newly published IPC-1755 Standard. Changes include:</p> <ol style="list-style-type: none"> Addition of new company information fields. Two additional due diligence questions and removal of one. Minor changes to question text throughout. Expansion of instructions and definitions. Updated translations of all modified text. 	<p>Added the following gold refiners:</p> <ol style="list-style-type: none"> Bauer Walsler AG C. Hafner GmbH & Co. KG China National Gold Group Corporation Colt Refining Daye Non-Ferrous Metals Mining Ltd. Doduco Eco-System Recycling Co., Ltd. Gansu Seemine Material Hi-Tech Co Ltd Guangdong Jinding Gold Limited Hangzhou Fuchunjiang Smelting Co., Ltd. Hunan Chenzhou Mining Industry Group Kennecott Utah Copper LLC Lingbao Jinyuan Tonghui Refinery Co. Ltd. Luyang Zijin Yinhui Metal Smelt Co Ltd Metalor Technologies (Singapore) Pte. Ltd. Ohura Precious Metal Industry Co., Ltd Penglai Penggang Gold Industry Co Ltd So Accurate Group, Inc. Tongling nonferrous Metals Group Co., Ltd Umicore Precious Metals Thailand YAMAMOTO PRECIOUS METAL CO., LTD. Yunnan Copper Industry Co Ltd <p>Added the following tantalum smelters:</p> <ol style="list-style-type: none"> Changsha South Tantalum Niobium Co Ltd Guangdong Zhiyuan New Material Co., Ltd. Hengyang King Xing Lifeng New Materials Co., LTD Metallurgical Products India (Pvt.) Ltd. Mineração Taboca S.A. Shanghai Jiangxi Metals Co. Ltd Yichun Jin Yang Rare Metal Co., Ltd <p>Added the following tin smelters:</p> <ol style="list-style-type: none"> China Rare Metal Materials Company Estanho de Rondônia S.A. Magnus's Minerais Metais e Ligas LTDA O.M. Manufacturing (Thailand) Co., Ltd. Rui Da Hung Soft Metals Ltda. <p>Added the following tungsten refiners:</p> <ol style="list-style-type: none"> Ganzhou Jiangwu Ferrotungsten Co., Ltd. Jiangxi Gan Bei Tungsten Co., Ltd. Jiangxi Richsea New Materials Co., Ltd. Jiangxi Tonggu Non-ferrous Metallurgical & Chemical Co., Ltd. Jiangxi Xinheng Tungsten Industry Co., Ltd. Jiangxi Yaosheng Tungsten Co., Ltd. Malipo Haiyu Tungsten Co., Ltd. Xiamen Tungsten (H.C.) Co., Ltd. <p>Removed the following as gold refiners:</p> <ol style="list-style-type: none"> Central Bank of the DPR of Korea Codelco Suzhou Xingrui Noble <p>Removed "Gannon & Scott" as a tantalum smelter</p> <p>Removed the following as tin smelters:</p> <ol style="list-style-type: none"> CV Duta Putra Bangka CV Gita Pesona CV JusTindo CV Makmur Jaya CV Nurjanah Gold Bell Group PT Alam Lestari Kencana PT Babel Surya Alam Lestari PT Bangka Kudai Tin PT Bangka Timah Utama Sejahtera PT Billi Tin Makmur Lestari PT Fang Di MulTindo PT HP Metals Indonesia PT Koba Tin PT Panca Mega PT Seirama Tin investment PT Sumber Jaya Indah PT Timah Nusantara PT Tommy Utama PT Vinchendo Mining Industry <p>Removed the following as tungsten refiners:</p> <ol style="list-style-type: none"> China Minmetals Nonferrous Metals Co Ltd Ganzhou Grand Sea W & Mo Group Co Ltd <p>Changed numerous Standard Smelter Names, including:</p> <ol style="list-style-type: none"> "Pan Pacific Copper Co. LTD" to "JX Nippon Mining & Metals Co., Ltd" "Xstrata Canada Corporation" to "CCR Refinery – Glencore Canada Corporation" "PT Refined Bangka Tin" to "PT Refined Bangka Tin" "ATI Tungsten Materials" to "Kennametal Huntsville" "Jiangxi Rare Earth & Rare Metals Tungsten Group Corp" to "Ganzhou Non-ferrous Metals Smelting Co., Ltd." "Kennametal Inc." to "Kennametal Fallon" "Chaozhou Xianglu Tungsten Industry Co Ltd" to "Guangdong Xianglu Tungsten Industry Co., Ltd." <p>Changed numerous "Alias" names of smelters and refiners.</p>

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.conflictreesourcing.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.conflictreesourcing.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 c. 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/ .
6.1	RMI MRT Team	April 28, 2021	1. Corrections to all bugs and errors 2. Updated to Smelter Reference List and Standard Smelter List 3. Translation improvements"	This version incorporates a few changes to the smelter list as reflected in the Standard Smelter List as of February 19, 2021. 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 eight Due Diligence Questions (rows 24 - 71).

Provide answers in ENGLISH only

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
<p>Intentionally added</p>	<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>
<p>IPC</p>	<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>
<p>IPC-1755 Responsible Sourcing of Minerals Data Exchange Standard</p>	<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>
<p>Necessary for the Functionality of a Product</p>	<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>
<p>Necessary for the Production of a Product</p>	<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:
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- Selezione Preferêcia de idioma Aqui:**
- Wählen sie hier die Sprache:**
- Seleccione el lenguaje de preferencia aqui:**
- Selezionare la lingua di preferenza qui:**
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Conflict Minerals Reporting Template (CMRT)

English	
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Revision 6.1
April 28, 2021

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:	Manufacturer Audio Devices
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:	Product Manager
Email - Authorizer (*):	kimberly@soberton.com
Phone - Authorizer (*):	612-849-6205
Effective Date (*):	21-October-2021

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 6.1 April 28, 2021



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		Geju	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:	Manufacturer Audio Devices	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 (*):	21-October-2021	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 (*)	No	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
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		Complete
Smelter List - Gold	–	Complete
Smelter List - Tungsten	–	Complete
All rows with "Smelter not listed" selected, have a name and country listed	–	N/A

Smelter Look-Up

Revision 6.1 April 28, 2021

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/cmt-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	CD0002763	RMI	Pero	Lombardia
Gold	Abington Heidan Metals, LLC	Abington Heidan Metals, LLC	UNITED STATES OF AMERICA	CD0002708	RMI	Fariss Hills	Pennsylvania
Gold	Advanced Chemical Company	Advanced Chemical Company	UNITED STATES OF AMERICA	CD0000015	RMI	Warwick	Rhode Island
Gold	African Gold Refinery	African Gold Refinery	UGANDA	CD0003185	RMI	Entebbe	Wakiso
Gold	AGR Perth Mint (Australia)	Western Australian Mint (T/A The Perth Mint)	AUSTRALIA	CD0002030	RMI	Newbourn	Western Australia
Gold	AGR Perth Mint (Australia)	Western Australian Mint (T/A The Perth Mint)	AUSTRALIA	CD0002030	RMI	Newbourn	Western Australia
Gold	ADA Chemical Industries Co., Ltd	Ada Chemical Industries Co., Ltd	JAPAN	CD0000019	RMI	Fuchu	Tokyo
Gold	AIETA Selen	Dowa	JAPAN	CD0000401	RMI	Kosaka	Akita
Gold	AI Ethard Gold LLC	AI Ethard Gold Refinery DMCC	UNITED ARAB EMIRATES	CD0002560	RMI	Dubai	Dubayy
Gold	AI Ethard Gold Refinery DMCC	AI Ethard Gold Refinery DMCC	UNITED STATES OF AMERICA	CD0002560	RMI	Dubai	Ohio
Gold	Alexy Metals	Alexy Metals	GERMANY	CD0000335	RMI	Mentor	Baden-Wuerttemberg
Gold	Allgemeine Gold- und Silberschmelzwerkstat AG	Allgemeine Gold- und Silberschmelzwerkstat AG	GERMANY	CD0000335	RMI	Porzheim	Baden-Wuerttemberg
Gold	Almalyk Mining and Metallurgical Complex (AMMCO)	Almalyk Mining and Metallurgical Complex (AMMCO)	UZBEKISTAN	CD0000041	RMI	Almaik	Toshkent
Gold	Asahi Precip Corp.	Asahi Precip Corp.	JAPAN	CD0000082	RMI	Kobe	Hyogo
Gold	Angasak Factory, Hyogo Prefecture, Japan	Angasak Factory, Hyogo Prefecture, Japan	BRAZIL	CD0000082	RMI	Kobe	Minas Gerais
Gold	AngloGold Ashanti Brazil	AngloGold Ashanti Corrego do Sino Mineracao	BRAZIL	CD0000088	RMI	Novo Lima	Minas Gerais
Gold	AngloGold Ashanti Corrego do Sino Mineracao	AngloGold Ashanti Corrego do Sino Mineracao	BRAZIL	CD0000088	RMI	Novo Lima	Minas Gerais
Gold	AngloGold Ashanti Corrego do Sino Mineracao	AngloGold Ashanti Corrego do Sino Mineracao	CHINA	CD001947	RMI	Tongling	Anhui Sheng
Gold	Arnul Tongling Nonferrous Metal Mining Co., Ltd	Tongling Nonferrous Metals Group Co., Ltd.	CHINA	CD001947	RMI	Tongling	Anhui Sheng
Gold	ANZ (Perth Mint AU)	Western Australian Mint (T/A The Perth Mint)	AUSTRALIA	CD0002030	RMI	Newbourn	Western Australia
Gold	ANZ Bank	Western Australian Mint (T/A The Perth Mint)	AUSTRALIA	CD0002030	RMI	Newbourn	Western Australia
Gold	Apog-Heraeus S.A.	Apog-Heraeus S.A.	SWITZERLAND	CD0000077	RMI	Mendrisio	Ticino
Gold	Asahi Precip Corp.	Asahi Precip Corp.	CANADA	CD0000924	RMI	Brampton	Ontario
Gold	Asahi Refining Canada Ltd.	Asahi Refining Canada Ltd.	CANADA	CD0000924	RMI	Salt Lake City	Utah
Gold	Asahi Refining USA, Inc.	Asahi Refining USA, Inc.	UNITED STATES OF AMERICA	CD0000920	RMI	Tamara	Utah
Gold	Asaka Riken Co., Ltd.	Asaka Riken Co., Ltd.	JAPAN	CD0000090	RMI	Istanbul	Fukushima
Gold	ATAJuchimc	Asay Kyumculuk Sanayi Ve Ticaret A.S.	TURKEY	CD0000103	RMI	Istanbul	Istanbul
Gold	Asay Kyumculuk Sanayi Ve Ticaret A.S.	Asay Kyumculuk Sanayi Ve Ticaret A.S.	TURKEY	CD0000103	RMI	Istanbul	Istanbul
Gold	AU Traders and Refiners	AU Traders and Refiners	SOUTH AFRICA	CD0002850	RMI	Johannesburg	Gauteng
Gold	Aurport Enterprises Private Limited	Aurport Enterprises Private Limited	INDIA	CD0003461	RMI	Mumbai	Maharashtra
Gold	Aurports AG	Aurports AG	INDIA	CD0000113	RMI	Harburg	Karnataka
Gold	BALORE REFINERS SA	BALORE REFINERS SA	INDIA	CD0002853	RMI	Bangalore	Karnataka
Gold	Bangalore Refinery	Bangalore Refinery	INDIA	CD0002853	RMI	Bangalore	Karnataka
Gold	Bangalore Refinery Pvt. Ltd	Bangalore Refinery	INDIA	CD0002853	RMI	Bangalore	Karnataka
Gold	Bangko Sentral ng Pilipinas (Central Bank of the Philippines)	Bangko Sentral ng Pilipinas (Central Bank of the Philippines)	PHILIPPINES	CD0000128	RMI	Querson City	Rizal
Gold	Bolden AB	Bolden AB	PHILIPPINES	CD0000128	RMI	Querson City	Rizal
Gold	C. Harner GmbH + Co. KG	C. Harner GmbH + Co. KG	GERMANY	CD0000157	RMI	Skelleftehamn	Vastarbotens lan (SE-24)
Gold	C.I. Metals Processors Industrias SAS	C.I. Metals Processors Industrias SAS	COLOMBIA	CD0003421	RMI	Cota	Cundinamarca
Gold	Cardad	Cardad	MEXICO	CD0000180	RMI	Nacozari	Sonora
Gold	CCR Refinery - Glencore Canada Corporation	CCR Refinery - Glencore Canada Corporation	CANADA	CD0000180	RMI	Nacozari	Sonora
Gold	CCR Refinery - Glencore Canada Corporation	CCR Refinery - Glencore Canada Corporation	CANADA	CD0000180	RMI	Nacozari	Sonora
Gold	Cardes + Metaux S.A.	Cardes + Metaux S.A.	SWITZERLAND	CD0000189	RMI	Montreal	Quebec
Gold	Cardes + Metaux S.A.	Cardes + Metaux S.A.	SWITZERLAND	CD0000189	RMI	Montreal	Quebec
Gold	Central Bank of the Philippines Gold Refinery & Mint	Bangko Sentral ng Pilipinas (Central Bank of the Philippines)	PHILIPPINES	CD0000176	RMI	Biel-Berne	Bern
Gold	Central Bank of the Philippines Gold Refinery & Mint	Bangko Sentral ng Pilipinas (Central Bank of the Philippines)	PHILIPPINES	CD0000176	RMI	Biel-Berne	Bern
Gold	CHALCO Yunnan Copper Co. Ltd	Yunnan Copper Industry Co., Ltd.	CHINA	CD0003382	RMI	Querson City	Rizal
Gold	Chernanur Gold Refinery	Chernanur Gold Refinery	INDIA	CD0003382	RMI	Querson City	Rizal
Gold	Chimet S.P.A.	Chimet S.P.A.	INDIA	CD0000197	RMI	Kurnning	Kerala
Gold	China Hehan Zhongyuan Gold Smelter	Zhongyuan Gold Smelter of Zhongji Gold Corporation	CHINA	CD0003382	RMI	Kurnning	Kerala
Gold	China's Shandong Gold Mining Co., Ltd	Shandong Gold Smelting Co., Ltd.	ITALY	CD0002233	RMI	Arezzo	Toscana
Gold	China's Shandong Gold Mining Co., Ltd	Shandong Gold Smelting Co., Ltd.	ITALY	CD0002233	RMI	Arezzo	Toscana
Gold	Chugai Mining	Chugai Mining	CHINA	CD0001916	RMI	Lanzhou	Shandong Sheng
Gold	China Hehan Zhongyuan Gold Smelter	Zhongyuan Gold Smelter of Zhongji Gold Corporation	CHINA	CD0001916	RMI	Lanzhou	Shandong Sheng
Gold	China's Shandong Gold Mining Co., Ltd	Shandong Gold Smelting Co., Ltd.	CHINA	CD0001916	RMI	Lanzhou	Shandong Sheng
Gold	Chugai Mining	Chugai Mining	CHINA	CD000254	RMI	Huangshi	Hubei Sheng
Gold	Daye Non-Ferrous Metals Mining Ltd.	Daye Non-Ferrous Metals Mining Ltd.	CHINA	CD000343	RMI	Huangshi	Hubei Sheng
Gold	DEGUSA	Degussa Some / World Goldhandel GmbH	GERMANY	CD0002867	RMI	Porzheim	Baden-Wuerttemberg
Gold	Degussa Some / World Goldhandel GmbH	Degussa Some / World Goldhandel GmbH	GERMANY	CD0002867	RMI	Porzheim	Baden-Wuerttemberg
Gold	Dillan Gold Refinery FZC	Dillan Gold Refinery FZC	UNITED ARAB EMIRATES	CD0003348	RMI	Sharjah	Abu Dhabi
Gold	Dillan Gold Refinery FZC	Dillan Gold Refinery FZC	KOREA, REPUBLIC OF	CD0003348	RMI	Sharjah	Abu Dhabi
Gold	Dosung Corporation	DSC (Dosung Corporation)	GERMANY	CD0003362	RMI	Grimpe	Baden-Wuerttemberg
Gold	Dosung Corporation	DSC (Dosung Corporation)	GERMANY	CD0003362	RMI	Grimpe	Baden-Wuerttemberg
Gold	DDUCCO Contacts and Refining GmbH	DDUCCO Contacts and Refining GmbH	GERMANY	CD0003362	RMI	Porzheim	Baden-Wuerttemberg
Gold	DDUCCO Contacts and Refining GmbH	DDUCCO Contacts and Refining GmbH	GERMANY	CD0003362	RMI	Porzheim	Baden-Wuerttemberg
Gold	DDUCCO Contacts and Refining GmbH	DDUCCO Contacts and Refining GmbH	KOREA, REPUBLIC OF	CD0003359	RMI	Grimpe	Abu Dhabi
Gold	Dowa	Dowa	JAPAN	CD0000401	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 Kogyo K.K.	Dowa	JAPAN	CD0000401	RV1	Kosaka	Akita
Gold	Dowa Metalline Co.,Ltd	Dowa	JAPAN	CD0000401	RV1	Kosaka	Akita
Gold	Dowa Metals & Mining Co., Ltd	Dowa	KOREA, REPUBLIC OF	CD0000401	RV1	Chopyeong -nyeon	Chungcheongbuk-do
Gold	DS PRETECH Co., Ltd.	TSR Pretech	KOREA, REPUBLIC OF	CD0003195	RV1	Gimpo	Gyeonggi-do
Gold	DSC (Do Sung Corporation)	Eco-System Recycling Co., Ltd East Plant	JAPAN	CD0000425	RV1	Horio	Saitama
Gold	Eco-System Recycling Co., Ltd East Plant	Eco-System Recycling Co., Ltd North Plant	JAPAN	CD0003424	RV1	Karuno	Akita
Gold	Eco-System Recycling Co., Ltd West Plant	JSC Ekaterinburg Non-Ferrous Metal Processing Plant	RUSSIAN FEDERATION	CD0003425	RV1	Okayama	Okayama
Gold	Ekaterinburg	Emerald Jewel Industry India Limited (Unit 1)	INDIA	CD0009277	RV1	Vetkriyaya Pyshma	Sverdlovskaya oblast'
Gold	Emerald Jewel Industry India Limited (Unit 1)	Emerald Jewel Industry India Limited (Unit 2)	INDIA	CD0003488	RV1	Comatore	Tamil Nadu
Gold	Emerald Jewel Industry India Limited (Unit 2)	Emerald Jewel Industry India Limited (Unit 3)	INDIA	CD0003489	RV1	Comatore	Tamil Nadu
Gold	Emerald Jewel Industry India Limited (Unit 3)	Emerald Jewel Industry India Limited (Unit 4)	INDIA	CD0003490	RV1	Comatore	Tamil Nadu
Gold	Emirates Gold DMCC	Moscow Special Alloys Processing Plant	RUSSIAN FEDERATION	CD0002561	RV1	Dudai	Dudayev
Gold	Federal States Urinary Enterprise Moscow	Special Processing Plant (FSUE MZSS)	ZIMBABWE	CD0007204	RV1	Oruburua	Moskva
Gold	Fidelity Printers and Refiners Ltd.	Fidelity Printers and Refiners Ltd.	RUSSIAN FEDERATION	CD0020515	RV1	Messa	Harare
Gold	FSE Novosibirsk Refinery	JSC Novosibirsk Refinery	RUSSIAN FEDERATION	CD0002443	RV1	Novosibirsk	Novosibirskaya oblast'
Gold	Fujian Zijin mining stock company gold smelter	Gold Refinery of Zijin Mining Group Co., Ltd.	UNITED ARAB EMIRATES	CD0002243	RV1	Fujian	Al Fujayrah
Gold	GCC Gulfat Gold Centre Pvt. Ltd.	GCC Gulfat Gold Centre Pvt. Ltd.	CHINA	CD002852	RV1	Shanghai	Fujian Sheng
Gold	Geib Refining Corporation	Geib Refining Corporation	INDIA	CD002459	RV1	Ammedabad	Gujarat
Gold	Gold Coast Refinery	Gold Coast Refinery	UNITED STATES OF AMERICA	CD0003186	RV1	Warrick	Rhode Island
Gold	Gold Mining in Shandong (Laizhou) Limited Company	Shandong Gold Smelting Co., Ltd.	GHANA	CD001916	RV1	Laizhou	Accra
Gold	Gold Refinery of Zijin Mining Group Co., Ltd.	Gold Refinery of Zijin Mining Group Co., Ltd.	CHINA	CD0002243	RV1	Shanghai	Shandong Sheng
Gold	Great Wall Precious Metals Co., Ltd.	Great Wall Precious Metals Co., Ltd. of CBPM	CHINA	CD001909	RV1	Chengde	Fujian Sheng
Gold	Great Wall Precious Metals Co., Ltd. of CBPM	Great Wall Precious Metals Co., Ltd. of CBPM	CHINA	CD001909	RV1	Chengde	Sichuan Sheng
Gold	Guangdong Gaoyao Co	Guangdong Jinding Gold Limited	CHINA	CD002312	RV1	Guangzhou	Sichuan Sheng
Gold	Guangdong Jinding Gold Limited	Guangdong Jinding Gold Limited	CHINA	CD002312	RV1	Guangzhou	Guangdong Sheng
Gold	Gujarat Gold Centre	GCC Gulfat Gold Centre Pvt. Ltd.	INDIA	CD002852	RV1	Ammedabad	Guangdong Sheng
Gold	Guoda Safina High-Tech Environmental Refinery Co., Ltd.	Guoda Safina High-Tech Environmental Refinery Co., Ltd.	CHINA	CD000651	RV1	Zheoyuan	Gujarat
Gold	Hangzhou Fuchunjiang Smelting Co., Ltd.	Hangzhou Fuchunjiang Smelting Co., Ltd.	KOREA, REPUBLIC OF	CD000651	RV1	Zheoyuan	Shandong Sheng
Gold	Heesung Metal Ltd.	LT Metal Ltd.	GERMANY	CD000689	RV1	Pforzheim	Shandong Sheng
Gold	Hemelle + Meule GmbH	Zhongyuan Gold Smelter of Zhongjin Gold Corporation	KOREA, REPUBLIC OF	CD000689	RV1	Seo-gu	Yunnan Sheng
Gold	Henan Zhongyuan Gold Refinery Co., Ltd.	Zhongyuan Gold Smelter of Zhongjin Gold Corporation	CHINA	CD002224	RV1	Sammexia	Incheon-gwangyeoksi
Gold	Henan Zhongyuan Gold Smelter of Zhongjin Gold Co., Ltd.	Zhongyuan Gold Smelter of Zhongjin Gold Corporation	CHINA	CD002224	RV1	Sammexia	Baden-Wuerttemberg
Gold	Henan Zhongyuan Gold Smelter of Zhongjin Gold Corporation	Zhongyuan Gold Smelter of Zhongjin Gold Corporation	CHINA	CD002224	RV1	Sammexia	Henan Sheng
Gold	Heraeus GmbH Co. KG	Heraeus Metals GmbH Co. KG	GERMANY	CD000711	RV1	Herau	Henan Sheng
Gold	Heraeus Ltd Hong Kong	Heraeus Metals Hong Kong Ltd.	GERMANY	CD000707	RV1	Herau	Hessen
Gold	Heraus Precious Metals GmbH & Co. KG	Heraus Metals Hong Kong Ltd.	CHINA	CD000711	RV1	Herau	Hessen
Gold	Huanan Chenzhou Mining Co., Ltd.	Huanan Chenzhou Mining Co., Ltd.	CHINA	CD000707	RV1	Fanling	Hong Kong SAR
Gold	Huanan Chenzhou Mining Group Co., Ltd.	Huanan Chenzhou Mining Co., Ltd.	CHINA	CD000707	RV1	Fanling	Hong Kong SAR
Gold	Huanan Chenzhou Mining Industry Co., Ltd.	Huanan Chenzhou Mining Co., Ltd.	CHINA	CD000767	RV1	Yuanling	Hessen
Gold	Huanan Gujiaqing yinxiang Nonferrous Smelting Co., Ltd.	Huanan Gujiaqing yinxiang Nonferrous Smelting Co., Ltd.	CHINA	CD000767	RV1	Yuanling	Hunan Sheng
Gold	Huanan Yu Teng Non-Ferrous Metals Co., Ltd.	Huanan Gujiaqing yinxiang Nonferrous Smelting Co., Ltd.	CHINA	CD000773	RV1	Chenzhou	Hunan Sheng
Gold	Hwasong C.I. CO., LTD.	Hwasong C.I. CO., LTD.	KOREA, REPUBLIC OF	CD000778	RV1	Dawson	Hunan Sheng
Gold	Industrial Refining Company	Industrial Refining Company	BELGIUM	CD002587	RV1	Antwerp	Gyeonggi-do
Gold	Inne Mongolia Qiankun Gold and Silver Refinery Share Co., Ltd.	Inne Mongolia Qiankun Gold and Silver Refinery Share Co., Ltd.	UNITED ARAB EMIRATES	CD000801	RV1	Hohhot	Antwerpen
Gold	International Precious Metal Refiners	International Precious Metal Refiners	JAPAN	CD002562	RV1	Dudai	Nel Mongol Zhihgu
Gold	Ishihaku Metal Industry Co., Ltd.	Ishihaku Metal Industry Co., Ltd.	TURKEY	CD000807	RV1	Sola	Dudayev
Gold	Istanbul Gold Refinery	Istanbul Gold Refinery	ITALY	CD000814	RV1	Arezzo	Saitama
Gold	Isaprecoisi	JALAN & Company	JAPAN	CD002765	RV1	Kyurumokuent	Istambul
Gold	JALAN & Company	Japan Mint	INDIA	CD002765	RV1	New Delhi	Toscana
Gold	Japan Mint	Jiangqi Copper Co., Ltd.	JAPAN	CD002883	RV1	Ozaka	Delhi
Gold	JCC	Jiangqi Copper Co., Ltd.	CHINA	CD002883	RV1	Ozaka	Ozaka
Gold	Jiangqi Copper Co., Ltd.	Jiangqi Copper Co., Ltd.	CHINA	CD000823	RV1	Guxi City	Jiangxi Sheng
Gold	Johnson Matthey / Canada	Asahi Refining USA Inc.	CANADA	CD000855	RV1	Guxi City	Jiangxi Sheng
Gold	Johnson Matthey / Canada	Asahi Refining USA Inc.	UNITED STATES OF AMERICA	CD000855	RV1	Brampton	Ontario
Gold	Johnson Matthey, Inc. (USA)	Asahi Refining USA Inc.	UNITED STATES OF AMERICA	CD000924	RV1	Shill Lake City	Ontario
Gold	Johnson Matthey, Inc. (USA)	Asahi Refining USA Inc.	UNITED STATES OF AMERICA	CD000924	RV1	Shill Lake City	Utah
Gold	JSC Ekaterinburg Non-Ferrous Metal Processing Plant	JSC Ekaterinburg Non-Ferrous Metal Processing Plant	CANADA	CD000924	RV1	Brampton	Utah
Gold	JSC Novosibirsk Refinery	JSC Novosibirsk Refinery	RUSSIAN FEDERATION	CD000927	RV1	Vetkriyaya Pyshma	Ontario
Gold	JSC Uralelectromed	JSC Uralelectromed	RUSSIAN FEDERATION	CD000493	RV1	Novosibirsk	Sverdlovskaya oblast'
Gold	JX Nippon Mining & Metals Co., Ltd.	JX Nippon Mining & Metals Co., Ltd.	RUSSIAN FEDERATION	CD000929	RV1	Vetkriyaya Pyshma	Sverdlovskaya oblast'
Gold	K. A. Rasmussen	K. A. Rasmussen	NORWAY	CD000937	RV1	Ola	Ola
Gold	Kalori Precious Metals	Kalori Precious Metals	UNITED ARAB EMIRATES	CD003497	RV1	Hemar	Hedmarken
Gold	Kazakhmys Smelting LLC	Kazakhmys Smelting LLC	KAZAKHSTAN	CD002563	RV1	Dudai	Dudayev
Gold	Kazakhmys Smelting LLC	Kazakhmys Smelting LLC	KAZAKHSTAN	CD000956	RV1	Balkhash	Qaraqay ardy oblysy
Gold	Kemecort Utah Copper LLC	Kemecort Utah Copper LLC	UNITED STATES OF AMERICA	CD000957	RV1	Uts	Qaraqay ardy oblysy
Gold	KGHM Polska Miedz S.A.	KGHM Polska Miedz Spolka Akcyjna	POLAND	CD000969	RV1	Magna	Uts
Gold	KGHM Polska Miedz Spolka Akcyjna	KGHM Polska Miedz Spolka Akcyjna	UNITED STATES OF AMERICA	CD000969	RV1	Magna	Uts
Gold	KGHM Polska Miedz Spolka Akcyjna	KGHM Polska Miedz Spolka Akcyjna	POLAND	CD002511	RV1	Lubin	Dolnoslaskie
Gold	KGHM Polska Miedz Spolka Akcyjna	KGHM Polska Miedz Spolka Akcyjna	POLAND	CD002511	RV1	Lubin	Dolnoslaskie
Gold	Kojima Chemicals Co., Ltd.	Kojima Chemicals Co., Ltd.	JAPAN	CD002511	RV1	Lubin	Dolnoslaskie
Gold	Kojima Kagaku Yakuhin Co., Ltd	Kojima Chemicals Co., Ltd.	JAPAN	CD000981	RV1	Sayama	Dolnoslaskie
Gold	Korhbat Gorneczo Hutniczy Miedz Polska Miedz S.A.	KGHM Polska Miedz Spolka Akcyjna	POLAND	CD000981	RV1	Sayama	Saitama
Gold	Korea Zinc Co., Ltd.	Korea Zinc Co., Ltd.	KOREA, REPUBLIC OF	CD002511	RV1	Lubin	Saitama
Gold	Kosak Seiren	Dowa	JAPAN	CD002605	RV1	Gangnam	Dolnoslaskie
Gold	KUC	Kemecort Utah Copper LLC	UNITED STATES OF AMERICA	CD000401	RV1	Kosaka	Seoul-teukbyeolsi
Gold	Kundan Care Products Ltd.	Kundan Care Products Ltd.	INDIA	CD000041	RV1	Messa	Akita
Gold	Kyrgyzalyn_JSC	Kyrgyzalyn_JSC	INDIA	CD0003463	RV1	Messa	Akita
Gold	Kyrytyum Copper-Electrolytic Plant ZAO	Kyrytyum Copper-Electrolytic Plant ZAO	KYRGYZSTAN	CD0007029	RV1	Handker	Utrarkhand
Gold	La Carded	Shandong Gold Smelting Co., Ltd.	RUSSIAN FEDERATION	CD002865	RV1	Bishkek	Chelyabinskaya oblast'
Gold	LAZHOUSHAANDONG	Shandong Gold Smelting Co., Ltd.	RUSSIAN FEDERATION	CD000180	RV1	Necozari	Sonora
Gold	Lazurde Company For Jewelry	Shandong Gold Smelting Co., Ltd.	MEXICO	CD001916	RV1	Necozari	Chelyabinskaya oblast'
Gold	Lingbao Gold Mining	Lingbao Gold Co., Ltd.	CHINA	CD0007029	RV1	Necozari	Sonora
Gold	Lingbao Gold Co., Ltd.	Lingbao Gold Co., Ltd.	CHINA	CD001916	RV1	Necozari	Sonora
Gold	Lingbao Tonghui Refinery Co., Ltd.	Lingbao Tonghui Refinery Co., Ltd.	CHINA	CD001032	RV1	Flyzadi	Shandong Sheng
Gold	Lingbao Tonghui Refinery Co., Ltd.	Lingbao Tonghui Refinery Co., Ltd.	CHINA	CD001056	RV1	Flyzadi	Ar Riyad
Gold	L'Orferre S.A.	L'Orferre S.A.	ANDORRA	CD001058	RV1	Lingbao	Henan Sheng
Gold	LS-NIKKO Copper Inc.	LS-NIKKO Copper Inc.	KOREA, REPUBLIC OF	CD002762	RV1	Andorrala Vella	Henan Sheng
Gold	LS-NIKKO Copper Inc.	LS-NIKKO Copper Inc.	KOREA, REPUBLIC OF	CD001078	RV1	Osan-eup	Andorrala Vella

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
Gdd	LT Metall Ltd.	LT Metall Ltd.	KOREA, REPUBLIC OF	CD0000689	RM1	Seo-gu	Incheon-gwngyeoksi
Gdd	Luyang Zijin Yinhui Gold Refinery Co., Ltd.	Luyang Zijin Yinhui Gold Refinery Co., Ltd.	CHINA	CD0001093	RM1	Luyang	Henan Sheng
Gdd	Luyang Zijin Yinhui Gold Smelting	Luyang Zijin Yinhui Gold Smelting Co., Ltd.	CHINA	CD0001093	RM1	Luyang	Henan Sheng
Gdd	Luyang Zijin Yinhui Metall Smelt Co Ltd	Luyang Zijin Yinhui Gold Refinery Co., Ltd.	CHINA	CD0002606	RM1	Seo Paulo	Henan Sheng
Gdd	Marsam Metals	Marsam Metals	BRAZIL	CD0002606	RM1	Seo Paulo	New York
Gdd	Materon	Materon	UNITED STATES OF AMERICA	CD0001113	RM1	Buffalo	Saltama
Gdd	Matsuda Sangyo Co., Ltd.	Materon	JAPAN	CD0003548	RM1	Iruna	Utahrand
Gdd	MD Overseas	MD Overseas	UNITED STATES OF AMERICA	CD0001798	RM1	Rudrapur	Ehime
Gdd	MEI(Suniumto Group)	Suniumto Metal Mining Co. Ltd.	SOUTH AFRICA	CD0003575	RM1	Centuron	Coahuila de Zaragoza
Gdd	Metal Concentrators SA (Pty) Ltd.	Metal Concentrators SA (Pty) Ltd.	MEXICO	CD0001161	RM1	Torreon	North Carolina
Gdd	Metallurgical Mer-Mex Peroles, S.A. de CV	Metallurgical Mer-Mex Peroles S.A. De CV.	UNITED STATES OF AMERICA	CD0003575	RM1	Greenlie	Antwerpen
Gdd	Metallurgical Refining Inc.	Metallurgical Refining Inc.	BELGIUM	CD0001980	RM1	Hoboken	Neuchâtel
Gdd	Metallurgische Hoboken Overpelt	Metallurgische Hoboken Overpelt	SWITZERLAND	CD0001152	RM1	Kwai Chung	Hong Kong SAR
Gdd	Metallurgische (Hong Kong) Ltd.	Metallurgische (Hong Kong) Ltd.	CHINA	CD0001147	RM1	Suzhou	South West
Gdd	Metallurgische (Singapore) Pte., Ltd.	Metallurgische (Singapore) Pte., Ltd.	SINGAPORE	CD0001152	RM1	Singapore	Jiangsu Sheng
Gdd	Metallurgische (Suzhou) Ltd.	Metallurgische (Suzhou) Ltd.	CHINA	CD0001153	RM1	Suzhou	Neuchâtel
Gdd	Metallurgische S.A.	Metallurgische S.A.	SWITZERLAND	CD0001153	RM1	North Atleboro	Massachusetts
Gdd	Metallor USA Refining Corporation	Metallor USA Refining Corporation	UNITED STATES OF AMERICA	CD0001161	RM1	North Atleboro	Coahuila de Zaragoza
Gdd	Metallurgica Mer-Mex Peroles S.A. De CV	Metallurgica Mer-Mex Peroles S.A. De CV.	MEXICO	CD0001161	RM1	Torreon	Coahuila de Zaragoza
Gdd	Metallurgica Mer-Mex Peroles S.A. De CV	Metallurgica Mer-Mex Peroles S.A. De CV.	MEXICO	CD0001161	RM1	Torreon	Coahuila de Zaragoza
Gdd	Met-Mex Peroles, S.A.	Metallurgica Mer-Mex Peroles S.A. De CV.	MEXICO	CD0001161	RM1	Torreon	Coahuila de Zaragoza
Gdd	Met-Mex Peroles, S.A.	Metallurgica Mer-Mex Peroles S.A. De CV.	MEXICO	CD0001188	RM1	Torreon	Coahuila de Zaragoza
Gdd	Mitsubishi Materials Corporation	Mitsubishi Materials Corporation	JAPAN	CD0001188	RM1	Tokyo	Tokyo
Gdd	Mitsui Mining and Smelting Co., Ltd.	Mitsui Mining and Smelting Co., Ltd.	JAPAN	CD0001193	RM1	Taketsura	Hiroshima
Gdd	Mitsui Mining and Smelting Co., Ltd.	Mitsui Mining and Smelting Co., Ltd.	JAPAN	CD0001193	RM1	Taketsura	Hiroshima
Gdd	MMTIC-PAMP India Pvt., Ltd.	MMTIC-PAMP India Pvt., Ltd.	INDIA	CD0002509	RM1	Mevati	Haryana
Gdd	Modeltech San Bhd	Modeltech San Bhd	MALAYSIA	CD0002857	RM1	Kawasan Pendustrian Bukit Rambai	Meleka
Gdd	Morris and Watson	Morris and Watson	NEW ZEALAND	CD0002282	RM1	Oruhunga	Auckland
Gdd	Moscow Special Alloys Processing Plant	Moscow Special Alloys Processing Plant	RUSSIAN FEDERATION	CD0001204	RM1	Oruhunga	Auckland
Gdd	Nadri Metall Refineri San. Ve Tic. A.S.	Nadri Metall Refineri San. Ve Tic. A.S.	TURKEY	CD0001204	RM1	Oruhunga	Auckland
Gdd	Nadri Metall Refineri San. Ve Tic. A.S.	Nadri Metall Refineri San. Ve Tic. A.S.	TURKEY	CD0001220	RM1	Balgözü/evler	Isanbul
Gdd	Navoi Mining and Metallurgical Combinat	Navoi Mining and Metallurgical Combinat	UZBEKISTAN	CD0001236	RM1	Navoi	Isanbul
Gdd	NH Recyclech Company	NH Recyclech Company	KOREA, REPUBLIC OF	CD0003189	RM1	Pyeongtaek-si	Gyeonggi-do
Gdd	NH Recyclech Company	NH Recyclech Company	JAPAN	CD0001289	RM1	Noda	Chiba
Gdd	Nihama Toyo Smelter & Refinery	Nihama Toyo Smelter & Refinery	JAPAN	CD0001798	RM1	Saio	Ehime
Gdd	Nihama Toyo Smelter & Refinery	Nihama Toyo Smelter & Refinery	JAPAN	CD0001193	RM1	Saio	Ehime
Gdd	Norddeutsche Affinerie AG	Aurubis AG	GERMANY	CD0000113	RM1	Hamburg	Hamburg
Gdd	Ogussa Österreichische Gold- und Silber-Scheidensalt GmbH	Ogussa Österreichische Gold- und Silber-Scheidensalt GmbH	AUSTRIA	CD0002279	RM1	Vienna	Wien
Gdd	Ogussa Österreichische Gold- und Silber-Scheidensalt GmbH	Ogussa Österreichische Gold- und Silber-Scheidensalt GmbH	AUSTRIA	CD0002779	RM1	Vienna	Wien
Gdd	Ohura Precious Metal Industry Co., Ltd.	Ohura Precious Metal Industry Co., Ltd.	JAPAN	CD0001325	RM1	Nara-shi	Nara
Gdd	OJSC "The Gulidov, Krasnoyarsk Non-Ferrous Metals Plant" (OJSC Krasstsvemet)	OJSC "The Gulidov, Krasnoyarsk Non-Ferrous Metals Plant" (OJSC Krasstsvemet)	RUSSIAN FEDERATION	CD0001326	RM1	Krasnoyarsk	Krasnoyarskiy Krai
Gdd	OJSC Krasstsvemet	OJSC "The Gulidov, Krasnoyarsk Non-Ferrous Metals Plant" (OJSC Krasstsvemet)	RUSSIAN FEDERATION	CD0004932	RM1	Krasnoyarsk	Krasnoyarskiy Krai
Gdd	OJSC Novosibirsk Refinery	JSC Novosibirsk Refinery	RUSSIAN FEDERATION	CD0001352	RM1	Novosibirsk	Novosibirskaya oblast'
Gdd	PAMP S.A.	PAMP S.A.	SWITZERLAND	CD0001352	RM1	Castel San Pietro	Ticino
Gdd	Pan Pacific Copper Co. Ltd.	Pan Pacific Copper Co. Ltd.	JAPAN	CD0000937	RM1	Oita	Oita
Gdd	Parse & C.uren	JX Nippon Mining & Metals Co., Ltd.	UNITED STATES OF AMERICA	CD0002872	RM1	Oita	Oita
Gdd	Pengqi Penggang Gold Industry Co., Ltd.	Pengqi Penggang Gold Industry Co., Ltd.	CHINA	CD0001362	RM1	Wuyue	Rhode Island
Gdd	Perth Mint (ANZ)	Western Australian Mint (T/a The Perth Mint)	AUSTRALIA	CD0001362	RM1	Penglat	Shandong Sheng
Gdd	Planta Recuperadora de Metales SPA	Western Australian Mint (T/a The Perth Mint)	AUSTRALIA	CD0002030	RM1	Neburn	Western Australia
Gdd	Plotsky Plant of Non-Ferrous Metals	Planta Recuperadora de Metales SPA	CHILE	CD0002919	RM1	Mejillones	Western Australia
Gdd	Produits Artistiques de Métaux	Planta Recuperadora de Metales SPA	CHINA	CD0001386	RM1	Castel San Pietro	Antioquia
Gdd	PT Anelka Tambang (Praseo) Tbk	PAMP S.A.	RUSSIAN FEDERATION	CD0001352	RM1	Castel San Pietro	Rvazanskaya oblast'
Gdd	PX Precinox S.A.	PX Precinox S.A.	INDONESIA	CD0001397	RM1	Jakarta	Ticino
Gdd	PX Precinox S.A.	PX Precinox S.A.	INDONESIA	CD0001498	RM1	Jakarta	Ticino
Gdd	QG Refining, LLC	QG Refining, LLC	SWITZERLAND	CD0001498	RM1	Oita	Ticino
Gdd	Rand Refinery (Pty) Ltd.	Rand Refinery (Pty) Ltd.	UNITED STATES OF AMERICA	CD0001498	RM1	Oita	Ticino
Gdd	Refinery LS-Nikko Copper Inc.	LS-NIKKO Copper Inc.	SOUTH AFRICA	CD0001512	RM1	Gemiston	Gauteng
Gdd	Refineria Argentina B.V.	Refineria de Semeine Gold Co., Ltd.	NETHERLANDS	CD0000522	RM1	Onsan-eup	Ulsan-gwangyeoksi
Gdd	REMONDIS PMR B.V.	REMONDIS PMR B.V.	NETHERLANDS	CD0001078	RM1	La Chaux-de-Fonds	Gansu Sheng
Gdd	Royal Canadian Mint	Royal Canadian Mint	NETHERLANDS	CD0001594	RM1	Moerdijk	Noord-Babant
Gdd	SAAMP	Royal Canadian Mint	CANADA	CD0001548	RM1	Ottawa	Noord-Babant
Gdd	Sabin Metal Corp.	SAAMP	FRANCE	CD0002761	RM1	Paris	Ontario
Gdd	Safimet S.p.A	Safimet S.p.A	UNITED STATES OF AMERICA	CD0001548	RM1	Williston	lle-de-France
Gdd	SAFINA A.S.	Safimet S.p.A	ITALY	CD0002973	RM1	Williston	North Dakota
Gdd	Sagroseel Smelter & Refinery	Safimet S.p.A	CZECHIA	CD0002290	RM1	Avezo	Toscana
Gdd	Sai Refinery	JX Nippon Mining & Metals Co., Ltd.	JAPAN	CD0000937	RM1	Vestec	Prarie-západ
Gdd	Sanduck Precious Metals	JX Nippon Mining & Metals Co., Ltd.	INDIA	CD0002853	RM1	Oita	Oita
Gdd	Sanduck Precious Metals	Sanduck Precious Metals	KOREA, REPUBLIC OF	CD0002853	RM1	Pamano	Himachal Pradesh
Gdd	Sannwon Metals Corp.	Sanduck Precious Metals	KOREA, REPUBLIC OF	CD0001555	RM1	Namdong	Incheon-gwngyeoksi
Gdd	Sancus ZFS (L'Orébra, SA)	Sannwon Metals Corp.	KOREA, REPUBLIC OF	CD0001555	RM1	Namdong	Incheon-gwngyeoksi
Gdd	SAIXONIA Edelmetalle GmbH	Sancus ZFS (L'Orébra, SA)	KOREA, REPUBLIC OF	CD0001562	RM1	Changwon	Incheon-gwngyeoksi
Gdd	SD (Samdoki) Metall	SAIXONIA Edelmetalle GmbH	COLOMBIA	CD0003529	RM1	Barranquilla	Gyeongangnam-do
Gdd	Selim Industries Ltd.	SAIXONIA Edelmetalle GmbH	GERMANY	CD0002777	RM1	Habsbrücke	Atlantico
Gdd	SEMPSA Joyeria Plateria S.A.	Selim Industries Ltd.	KOREA, REPUBLIC OF	CD0001555	RM1	Namgukcheol	Incheon-gwngyeoksi
Gdd	SEMPSA Joyeria Plateria S.A.	SEMPSA Joyeria Plateria S.A.	SPAIN	CD0003540	RM1	Madrid	Incheon-gwngyeoksi
Gdd	SEMPSA Joyeria Plateria S.A.	SEMPSA Joyeria Plateria S.A.	SPAIN	CD0001585	RM1	Madrid	Madrid, Comunidad de
Gdd	Semasa Jr (Cocksan Semasa)	SEMPSA Joyeria Plateria S.A.	SPAIN	CD0001585	RM1	Madrid	Madrid, Comunidad de
Gdd	Shan Dong Huangjin	Shandong Gold Smelting Co., Ltd.	CHINA	CD0001916	RM1	Liaohou	Shandong Sheng
Gdd	Shandong Gold Mine(Laizhou) Smelter Co., Ltd.	Shandong Gold Smelting Co., Ltd.	CHINA	CD0001916	RM1	Liaohou	Shandong Sheng
Gdd	Shandong Gold Smelting Co., Ltd.	Shandong Gold Smelting Co., Ltd.	CHINA	CD0001916	RM1	Liaohou	Shandong Sheng
Gdd	Shandong Guoda Gold Co., Ltd.	Shandong Gold Smelting Co., Ltd.	CHINA	CD0001916	RM1	Liaohou	Shandong Sheng
Gdd	Shandong Huangjin	Shandong Gold Smelting Co., Ltd.	CHINA	CD0001916	RM1	Liaohou	Shandong Sheng
Gdd	Shandong Humon Smelting Co., Ltd.	Shandong Gold Smelting Co., Ltd.	CHINA	CD0000651	RM1	Zhaoyuan	Shandong Sheng
Gdd	Shandong midlands Jinye group Co., Ltd.	Shandong Gold Smelting Co., Ltd.	CHINA	CD0002525	RM1	Liaohou	Shandong Sheng
Gdd	Shandong Tarzan Bio-Gold Industry Co., Ltd.	Shandong Gold Smelting Co., Ltd.	CHINA	CD0001916	RM1	Liaohou	Shandong Sheng
Gdd	Shandong Tiancheng Biological Gold Industrial Co., Ltd.	Shandong Gold Smelting Co., Ltd.	CHINA	CD0001916	RM1	Liaohou	Shandong Sheng
Gdd	Shandong Tiancheng Biological Gold Industrial Co., Ltd.	Shandong Tiancheng Biological Gold Industrial Co., Ltd.	CHINA	CD0001619	RM1	Liaohou	Shandong Sheng
Gdd	Shandong Zhaolin Gold & Silver Refinery Co., Ltd.	Shandong Zhaolin Gold & Silver Refinery Co., Ltd.	CHINA	CD0001619	RM1	Zhaoyuan	Shandong Sheng
Gdd	Shandong Zhaolin Gold & Silver Refinery Co., Ltd.	Shandong Zhaolin Gold & Silver Refinery Co., Ltd.	CHINA	CD0001622	RM1	Zhaoyuan	Shandong Sheng
Gdd	Shangdong Gold (Laizhou)	Shandong Gold Smelting Co., Ltd.	CHINA	CD0001916	RM1	Liaohou	Shandong 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
Gold	Shenzhen Zhonghenglong Real Industry Co., Ltd	Shenzhen Zhonghenglong Real Industry Co., Ltd	CHINA	CD0002527	RMI	Shenzhen	Guangdong
Gold	Shiruui Gold Refinery Ltd.	Shiruui Gold Refinery Ltd.	INDIA	CD0002588	RMI	Mumbai	Maharashtra
Gold	Shonan Plant Tanaka Kinross	Tanaka Kinross/Kyrgyzstan K.K.	JAPAN	CD001875	RMI	Hiratsuka	Kanagawa
Gold	Siyokovsky	SOE Siyokovsky Factory of Secondary Precious Metals	RUSSIAN FEDERATION	CD0001756	RMI	Siyokovo	Moskovskaya oblast'
Gold	Sichuan Tanze Precious Metals Co., Ltd.	Sichuan Tanze Precious Metals Co., Ltd.	CHINA	CD0001736	RMI	Chengdu	Sichuan Sheng
Gold	Singapore Tanaka	Tanaka Kinross/Kyrgyzstan K.K.	JAPAN	CD001875	RMI	Hiratsuka	Kanagawa
Gold	Singway Technology Co., Ltd.	Singway Technology Co., Ltd.	JAWAN, PROVINCE OF CHINA	CD002516	RMI	Dayuan	Taoyuan
Gold	SMM	Sumitomo Metal Mining Co., Ltd.	JAPAN	CD0001798	RMI	Saito	Etchime
Gold	SOE Siyokovsky Factory of Secondary Precious Metals	SOE Siyokovsky Factory of Secondary Precious Metals	RUSSIAN FEDERATION	CD0001756	RMI	Siyokovo	Moskovskaya oblast'
Gold	Solar Applied Materials Technology Corp.	Solar Applied Materials Technology Corp.	TAIWAN, PROVINCE OF CHINA	CD0001761	RMI	Tainan City	Tainan
Gold	SOLAR CHEMICAL APPLIED MATERIALS TECHNOLOGY (KUN SHAN)	Solar Applied Materials Technology Corp.	TAIWAN, PROVINCE OF CHINA	CD0001761	RMI	Tainan City	Tainan
Gold	Solar Applied Materials Technology Corp.	Solar Applied Materials Technology Corp.	INDIA	CD0003383	RMI	Ahmedabad	Gujarat
Gold	Sovereign Metals	Sovereign Metals	LITHUANIA	CD0003153	RMI	Vilnius	Vilnius
Gold	State Research Institute Center for Physical Sciences and Technology	State Research Institute Center for Physical Sciences and Technology	SUDAN	CD002567	RMI	Khartoum	Etchime
Gold	Sudan Gold Refinery	Sudan Gold Refinery	JAPAN	CD0001798	RMI	Saito	Etchime
Gold	Sumitomo Kinross/Kozan K.K.	Sumitomo Metal Mining Co., Ltd.	JAPAN	CD0001798	RMI	Saito	Etchime
Gold	Sumitomo Metal Mining Co., Ltd.	Sumitomo Metal Mining Co., Ltd.	KOREA, REPUBLIC OF	CD002918	RMI	Gunsan-si	Jeollabuk-do
Gold	Sungbei HiMetal Co., Ltd.	Sungbei HiMetal Co., Ltd.	KOREA, REPUBLIC OF	CD002918	RMI	Gunsan-si	Jeollabuk-do
Gold	Sungbei HiMetal Co., Ltd.	Sungbei HiMetal Co., Ltd.	ITALY	CD002580	RMI	Capolona	Toscana
Gold	T.C.A S.P.A.	T.C.A S.P.A.	ITALY	CD0001193	RMI	Takehana	Hioshima
Gold	Taketana Refinery	Mitsui Mining and Smelting Co., Ltd.	JAPAN	CD0000937	RMI	Takehana	Oita
Gold	Tanara Smelter	JX Nippon Mining & Metals Co., Ltd.	JAPAN	CD0001875	RMI	Oita	Kanagawa
Gold	Tanaka Denishi Kogyo K.K.	Tanaka Kinross/Kyrgyzstan K.K.	JAPAN	CD001875	RMI	Hiratsuka	Kanagawa
Gold	Tanaka Electronics (Hong Kong) Pte. Ltd.	Tanaka Kinross/Kyrgyzstan K.K.	JAPAN	CD001875	RMI	Hiratsuka	Kanagawa
Gold	TANAKA Electronics (Malaysia) SDN. BHD.	Tanaka Kinross/Kyrgyzstan K.K.	JAPAN	CD001875	RMI	Hiratsuka	Kanagawa
Gold	Tanaka Electronics (Singapore) Pte. Ltd.	Tanaka Kinross/Kyrgyzstan K.K.	JAPAN	CD001875	RMI	Hiratsuka	Kanagawa
Gold	Tanaka Kinross/Kyrgyzstan International	Tanaka Kinross/Kyrgyzstan K.K.	JAPAN	CD001875	RMI	Hiratsuka	Kanagawa
Gold	Tanaka Kinross/Kyrgyzstan K.K.	Tanaka Kinross/Kyrgyzstan K.K.	JAPAN	CD001875	RMI	Hiratsuka	Kanagawa
Gold	Tanaka Kinross/Kyrgyzstan K.K.	Tanaka Kinross/Kyrgyzstan K.K.	JAPAN	CD001875	RMI	Hiratsuka	Kanagawa
Gold	The Great Wall Gold and Silver Refinery of China	Great Wall Precious Metals Co., Ltd. of CBPM	CHINA	CD001969	RMI	Hiratsuka	Kanagawa
Gold	The Perth Mint	Western Australian Mint (T/a The Perth Mint)	AUSTRALIA	CD002030	RMI	Chengdu	Sichuan Sheng
Gold	The Refinery of Shandong Gold Mining Co., Ltd.	Shandong Gold Smelting Co., Ltd.	CHINA	CD0001916	RMI	Laizhou	Western Australia
Gold	Thiokol/Horion Co., Ltd.	Tokuriki Horion Co., Ltd.	CHINA	CD001938	RMI	Laizhou	Shandong Sheng
Gold	Tongling Nonferrous Metals Group Co., Ltd.	Tongling Nonferrous Metals Group Co., Ltd.	CHINA	CD001947	RMI	Tongling	Sichuan Sheng
Gold	Tongling Nonferrous Metals Group Holdings Co., Ltd.	Tongling Nonferrous Metals Group Co., Ltd.	CHINA	CD001947	RMI	Tongling	Western Australia
Gold	Tony Geatz NV	Industrial Refining Company	KAZAKHSTAN	CD002587	RMI	Antwerp	Antwerp
Gold	TOO Tau-Ken-Allyn	TOO Tau-Ken-Allyn	KOREA, REPUBLIC OF	CD002615	RMI	Antwerp	Antwerp
Gold	Torecom	Torecom	JAPAN	CD001955	RMI	Asana	Antwerp
Gold	Toyoko Smelter & Refinery	Sumitomo Metal Mining Co., Ltd.	JAPAN	CD001798	RMI	Saito	Chungcheongnam-do
Gold	TSK Pretech	TSK Pretech	KOREA, REPUBLIC OF	CD003195	RMI	Saito	Etchime
Gold	Umicore Precious Metals Refining Hoboken	Umicore S.A. Business Unit Precious Metals Refining	BE, GLUM	CD001980	RMI	Chungcheongbuk-do	Chungcheongbuk-do
Gold	Umicore Precious Metals Thailand	Umicore Precious Metals Thailand	THAILAND	CD002314	RMI	Hoboken	Antwerpen
Gold	Umicore S.A. Business Unit Precious Metals Refining	Umicore S.A. Business Unit Precious Metals Refining	BE, GLUM	CD001980	RMI	Hoboken	Kyung Thep Maha Nakhon
Gold	United Precious Metal Refining, Inc.	United Precious Metal Refining, Inc.	UNITED STATES OF AMERICA	CD0001983	RMI	Hoboken	Antwerpen
Gold	Valcambi S.A.	Valcambi S.A.	SWITZERLAND	CD002003	RMI	Adern	New York
Gold	Value Trading	Value Trading	BELGIUM	CD0003617	RMI	Balena	Torino
Gold	VEEEREFINING	VEEEREFINING	FRANCE	CD0003615	RMI	Antwerp	Normandie
Gold	Western Australian Mint (T/a The Perth Mint)	Western Australian Mint (T/a The Perth Mint)	AUSTRALIA	CD0003615	RMI	Tourville les Iles	Normandie
Gold	WIELAND Edelmetalle GmbH	WIELAND Edelmetalle GmbH	GERMANY	CD002030	RMI	Newburn	Western Australia
Gold	Williams Advanced Materials	Williams Advanced Materials	GERMANY	CD002778	RMI	Pforzheim	Baden-Wuerttemberg
Gold	Xstrata	Xstrata	UNITED STATES OF AMERICA	CD0001113	RMI	Buffalo	New York
Gold	Yamahan Co., Ltd.	Yamahan Co., Ltd.	CANADA	CD0000185	RMI	Montreal	Quebec
Gold	Yamano Precious Co., Ltd.	Yamano Precious Metals	JAPAN	CD002100	RMI	Konan	Kochi
Gold	Yamano Precious Metals	Yamahan Co., Ltd.	JAPAN	CD002100	RMI	Konan	Kochi
Gold	Yamano Precision Metals	Yamahan Co., Ltd.	JAPAN	CD002100	RMI	Konan	Kochi
Gold	Yantai NUS Salina Tech environmental Refinery Co. Ltd.	Yantai NUS Salina Tech Environmental Refinery Co., Ltd.	CHINA	CD0000651	RMI	Konan	Kochi
Gold	Yokohama Metal Co., Ltd.	Yokohama Metal Co., Ltd.	JAPAN	CD000129	RMI	Konan	Kochi
Gold	Yunnan Copper Industry Co. Ltd.	Yunnan Copper Industry Co. Ltd.	CHINA	CD0000197	RMI	Zhaoyuan	Shandong Sheng
Gold	Zhao An Mining Industry Co. Ltd.	Shandong Zhaopin Gold & Silver Refinery Co., Ltd.	CHINA	CD001622	RMI	Kunming	Kanagawa
Gold	Zhao Yuan Gold Mine	Shandong Zhaopin Gold & Silver Refinery Co., Ltd.	CHINA	CD001622	RMI	Zhaoyuan	Shandong Sheng
Gold	Zhao Yuan Gold Smelter of Zhongqin	Shandong Zhaopin Gold & Silver Refinery Co., Ltd.	CHINA	CD001622	RMI	Zhaoyuan	Shandong Sheng
Gold	Zhao Yuan Jin Kuang	Shandong Zhaopin Gold & Silver Refinery Co., Ltd.	CHINA	CD001622	RMI	Zhaoyuan	Shandong Sheng
Gold	Zhaopin Mining Industry Co., Ltd.	Shandong Zhaopin Gold & Silver Refinery Co., Ltd.	CHINA	CD001622	RMI	Zhaoyuan	Shandong Sheng
Gold	Zhaopinjiuyinwei	Shandong Zhaopin Gold & Silver Refinery Co., Ltd.	CHINA	CD001622	RMI	Zhaoyuan	Shandong Sheng
Gold	Zhongjin Gold Corporation Limited	Zhongjin Gold Corporation Limited	CHINA	CD002224	RMI	Zhaoyuan	Shandong Sheng
Gold	Zhongyuan Gold Smelter of Zhongqin Gold Corporation	Zhongyuan Gold Smelter of Zhongqin Gold Corporation	CHINA	CD002224	RMI	Samrenxia	Henan Sheng
Gold	Zijin Kuang Ye Refinery	Zhongyuan Gold Smelter of Zhongqin Gold Corporation	CHINA	CD002224	RMI	Samrenxia	Henan Sheng
Gold	Zijin Mining Industry Corporation	Zhongyuan Gold Smelter of Zhongqin Gold Corporation	CHINA	CD002243	RMI	Shangsheng	Henan Sheng
Gold	Smelter not yet identified	Gold Refinery of Zijin Mining Group Co., Ltd.	CHINA	CD0002243	RMI	Shangsheng	Fujian Sheng
Gold	Unknown	Unknown	Unknown		RMI		
Tantalum	Asaka Riken Co., Ltd.	Asaka Riken Co., Ltd.	JAPAN	CD0000092	RMI	Tamra	Fukushima
Tantalum	Changsha South Tantalum Niobium Co., Ltd.	Changsha South Tantalum Niobium Co., Ltd.	CHINA	CD0000211	RMI	Changsha	Hunan Sheng
Tantalum	Changsha South Tantalum Niobium Co., Ltd.	Changsha South Tantalum Niobium Co., Ltd.	CHINA	CD0000211	RMI	Changsha	Hunan Sheng
Tantalum	D Block Metals, LLC	D Block Metals, LLC	UNITED STATES OF AMERICA	CD0002504	RMI	Gastonia	North Carolina
Tantalum	Exotech Inc.	Exotech Inc.	UNITED STATES OF AMERICA	CD0000456	RMI	Pompano Beach	Florida
Tantalum	F&X Electro-Materials Ltd.	F&X Electro-Materials Ltd.	CHINA	CD0000460	RMI	Jiangmen	Guangdong Sheng
Tantalum	FIR Metals & Resource Ltd.	F&X Electro-Materials Ltd.	CHINA	CD0000460	RMI	Jiangmen	Guangdong Sheng
Tantalum	Global Advanced Metals Azu	Global Advanced Metals Azu	CHINA	CD0002505	RMI	Zhuzhou	Hunan Sheng
Tantalum	Global Advanced Metals Boyertown	Global Advanced Metals Boyertown	UNITED STATES OF AMERICA	CD002557	RMI	Azuwaka	Pennsylvania
Tantalum	Global Advanced Metals Boyertown	Global Advanced Metals Boyertown	UNITED STATES OF AMERICA	CD0002557	RMI	Azuwaka	Pennsylvania
Tantalum	HC Starck Co., Ltd.	HC Starck Hemstedt GmbH	GERMANY	CD0002544	RMI	Yngde	Bayern
Tantalum	HC Starck Hemstedt GmbH	HC Starck Hemstedt GmbH	GERMANY	CD0002547	RMI	Map Ta Phut	Rayong
Tantalum	HC Starck Ltd.	HC Starck Ltd.	UNITED STATES OF AMERICA	CD0002548	RMI	Hemstedt	Thuringen
Tantalum	HC Starck Smelting GmbH & Co. KG	TANOBIS Japan Co., Ltd.	JAPAN	CD0002549	RMI	Newton	Massachusetts
Tantalum	HC Starck Tantalum and Niobium GmbH	TANOBIS Smelting GmbH & Co. KG	GERMANY	CD0002550	RMI	Milo	Bavari
Tantalum		TANOBIS Smelting GmbH & Co. KG	GERMANY	CD0002545	RMI	Laufelburg	Baden-Wuerttemberg
Tantalum		TANOBIS GmbH	GERMANY	CD0002545	RMI	Goslar	Niedersachsen

Metal	Smelter Look-up (*)	Standard Smelter Names	Smelter Facility Location: Country	Smelter Facility Location: State / Province
Tn	Fank Metals			
Tn	Funsur Smelter	Mnsur	PERU	Chimelw
Tn	Gejiu City Dacun Chengfeng Smelter	Yunnan Chengfeng Non-Ferrous Metals Co., Ltd.	CHINA	Paracas
Tn	Gejiu City Fuxiang Industry and Trade Co., Ltd.	Yunnan Fuxiang Industry and Trade Co., Ltd.	CHINA	Gejiu
Tn	Gejiu Fanguang Metallurgy Chemical Plant	Gejiu Fanguang Metallurgy Chemical Plant	CHINA	Gejiu
Tn	Gejiu Fengxing Metallurgy Chemical Plant	Gejiu Fengxing Metallurgy Chemical Plant	CHINA	Gejiu
Tn	Gejiu Kai Meng Industry and Trade LLC	Gejiu Kai Meng Industry and Trade LLC	CHINA	Gejiu
Tn	Gejiu Non-Ferrous Metal Processing Co., Ltd.	Gejiu Non-Ferrous Metal Processing Co., Ltd.	CHINA	Gejiu
Tn	Gejiu Yunnan Nonferrous Electrolysis Co., Ltd.	Gejiu Yunnan Nonferrous Electrolysis Co., Ltd.	CHINA	Gejiu
Tn	Gejiu Zi-Li	Gejiu ZiLi Mining And Metallurgy Co., Ltd.	CHINA	Gejiu
Tn	Gejiu Zili Mining And Metallurgy Co., Ltd.	Gejiu Zili Mining And Metallurgy Co., Ltd.	CHINA	Lalun
Tn	Guang Xi Liu Xihou	China Tin Group Co., Ltd.	CHINA	Lalun
Tn	Guangdong Haimie Non-Ferrous Metal Co., Ltd.	Guangdong Haimie Non-Ferrous Metal Co., Ltd.	CHINA	Chaozhou
Tn	Guangxi China Tin	China Tin Group Co., Ltd.	CHINA	Lalun
Tn	Guangxi Hua Shu Dian CO., LTD.	China Tin Group Co., Ltd.	CHINA	Lalun
Tn	HUOCHANG HILL Tin Industry Co., Ltd.	HUOCHANG HILL Tin Industry Co., Ltd.	CHINA	Lalun
Tn	INDONESIAN STATE TIN CORPORATION MENTOK SMTETTER		INDONESIA	Mentok
Tn	Jiangxi Nanshan	Jiangxi New Nanshan Technology Ltd.	CHINA	Ganzhou
Tn	Jiangxi New Nanshan Technology Ltd.	Jiangxi New Nanshan Technology Ltd.	CHINA	Ganzhou
Tn	Kai Union Industry and Trade Co., Ltd. (China)	Gejiu Kai Meng Industry and Trade LLC	CHINA	Gejiu
Tn	Kai Union Trade Limited Liability Company	Gejiu Kai Meng Industry and Trade LLC	CHINA	Gejiu
Tn	Kaimeng (Gejiu) Industry and Trade Co., Ltd.	Gejiu Kai Meng Industry and Trade LLC	CHINA	Gejiu
Tn	Kundur Smelter	PT Timah Tbk Kundur	INDONESIA	Kundur
Tn	Luzhou China Tin	China Tin Group Co., Ltd.	CHINA	Lalun
Tn	Luna Smelter, Ltd.	Luna Smelter, Ltd.	RWANDA	Lalun
Tn	Maanshan Weilai Tin Co., Ltd.	Maanshan Weilai Tin Co., Ltd.	CHINA	Kigali
Tn	Magnus's Minerals Metals e Ligas Ltda.	Magnus's Minerals Metals e Ligas Ltda.	CHINA	Maanshan
Tn	Malaysia Smelting Corporation (MSC)	Malaysia Smelting Corporation (MSC)	BRAZIL	Sao Joao del Rei
Tn	Mel Metals e Ligas S. A.	Mel Metals e Ligas S.A.	BRAZIL	Butemuth
Tn	Mentok Smelter	PT Timah Tbk Mentok	INDONESIA	Antreumes
Tn	Medalic Materials Branch of Guangxi China Tin Group Co., Ltd.	China Tin Group Co., Ltd.	INDONESIA	Mentok
Tn	Medalic Resources, Inc.	Medalic Resources, Inc.	CHINA	Lalun
Tn	Metallo Belgium NV.	Metallo Belgium NV.	BELGIUM	Twinstburg
Tn	Metallo Spain S.L.U.	Metallo Spain S.L.U.	SPAIN	Berse
Tn	Mherarao Taboosa S. A.	Mherarao Taboosa S.A.	BRAZIL	Berango
Tn	Mherarajo Taboosa S. A.	Mherarajo Taboosa S.A.	BRAZIL	Bairro Guarapianga
Tn	Mherarao Taboosa S.A.	Mherarao Taboosa S.A.	BRAZIL	Bairro Guarapianga
Tn	Mining and processing tin-tungsten ore Giang Son - VOB Co., Ltd	VOB Mineral and Trading Group JSC	VIET NAM	Haroi
Tn	Minsur	Minsur	PERU	Paracas
Tn	Mitsubishi Materials Corporation	Mitsubishi Materials Corporation	JAPAN	Tokyo
Tn	Modeltech San Bhd	Modeltech San Bhd	MALAYSIA	Kawasan Perindustrian Bukit Rambai
Tn	MSC	Malaysia Smelting Corporation (MSC)	MALAYSIA	Butemuth
Tn	Nankang Nanshan Tin Manufactory Co., Ltd.	Jiangxi New Nanshan Technology Ltd.	CHINA	Ganzhou
Tn	Nanshan Tin Co. Ltd.	Jiangxi New Nanshan Technology Ltd.	CHINA	Ganzhou
Tn	Niphe Tinh Non-Ferrous Metals Joint Stock Company	Niphe Tinh Non-Ferrous Metals Joint Stock Company	VIET NAM	Quy Hop
Tn	Novosibirsk Processing Plant Ltd.	Novosibirsk Processing Plant Ltd.	RUSSIAN FEDERATION	Novosibirsk
Tn	O.M. Manufacturing (Thailand) Co., Ltd.	O.M. Manufacturing (Thailand) Co., Ltd.	THAILAND	Nongkham Sriracha
Tn	O.M. Manufacturing Philippines, Inc.	Operations Metalurgicas S.A.	PHILIPPINES	Rosario
Tn	OMSA	Operations Metalurgicas S.A.	BOLIVIA (PLURINATIONAL STATE OF)	Ouro
Tn	Operations Metalurgicas S.A.	Operations Metalurgicas S.A.	BOLIVIA (PLURINATIONAL STATE OF)	Ouro
Tn	Operations Metalurgicas S.A.	Operations Metalurgicas S.A.	BOLIVIA (PLURINATIONAL STATE OF)	Ouro
Tn	Pampapat Company Limited	Pampapat Company Limited	INDONESIA	Ouro
Tn	Pedious Minerals and Smelting United	Pedious Minerals and Smelting United	INDONESIA	Yongon
Tn	PT Aies Kencana Selahtera	PT Aies Kencana Selahtera	INDONESIA	Bagdajur
Tn	PT Artha Cipta Langgeng	PT Artha Cipta Langgeng	INDONESIA	Pemali
Tn	PT ATD Makmur Mandiri Jaya	PT ATD Makmur Mandiri Jaya	INDONESIA	Sungailiat
Tn	PT Babel Surya Alam Lestari	PT Babel Surya Alam Lestari	INDONESIA	Sungailiat
Tn	PT Bangka Serumpun	PT Bangka Serumpun	INDONESIA	Badau
Tn	PT Lauhan Harmonis Selahtera	PT Lauhan Harmonis Selahtera	INDONESIA	Pangsi/pihang
Tn	PT Mentara Cipta Mulia	PT Mentara Cipta Mulia	INDONESIA	Past. Putih
Tn	PT Mitra Stania Prima	PT Mitra Stania Prima	INDONESIA	Mentawai
Tn	PT Mitra Sukses Globalindo	PT Mitra Sukses Globalindo	INDONESIA	Sungailiat
Tn	PT Prima Timah Utama	PT Prima Timah Utama	INDONESIA	Pangsi/pihang
Tn	PT Rajawali Rimba Perkasa	PT Rajawali Rimba Perkasa	INDONESIA	Tukak Sadai
Tn	PT Rajelan Aiq	PT Rajelan Aiq	INDONESIA	Pangsi/pihang
Tn	PT Refined Bangka Tin	PT Refined Bangka Tin	INDONESIA	Sungailiat
Tn	PT Sannido Inti Perkasa	PT Sannido Inti Perkasa	INDONESIA	Pangsi/pihang
Tn	PT Tambang Timah	PT Tambang Timah	INDONESIA	Kundur
Tn	PT Timah Nusantara	PT Timah Nusantara	INDONESIA	Tempiang
Tn	PT Timah Tbk Kundur	PT Timah Tbk Kundur	INDONESIA	Mentok
Tn	PT Timah Tbk Mentok	PT Timah Tbk Mentok	INDONESIA	Pangsi/pihang
Tn	PT Timah Tbk Nusa	PT Timah Tbk Nusa	INDONESIA	Sao Joao del Rei
Tn	Resind Ind e Com Ltda.	Resind Industria e Comercio Ltda.	BRAZIL	Sao Joao del Rei
Tn	Resind Industria e Comercio Ltda.	Resind Industria e Comercio Ltda.	BRAZIL	Sao Joao del Rei
Tn	Resind Industria e Comercio Ltda.	Resind Industria e Comercio Ltda.	BRAZIL	Lonqian Shiang Tayuan
Tn	Rui Da Hung	Rui Da Hung	TAIWAN, PROVINCE OF CHINA	Gejiu
Tn	Smelting Branch of Yunnan Tin Company Ltd	Yunnan Tin Company Limited	CHINA	Beteboro
Tn	Soft Metals Ltda.	Soft Metals Ltda.	BRAZIL	Pracocaba
Tn	Super Ligas	Super Ligas	BRAZIL	Pracocaba
Tn	Thai Nguyen Mining and Metallurgy Co., Ltd.	Thai Nguyen Mining and Metallurgy Co., Ltd.	VIET NAM	Thai Nguyen
Tn	Thai Solder Industry Corp. Ltd.	Thasaroo	THAILAND	Amphur Muang
Tn	Thailand Smelting & Refining Co Ltd	Thasaroo	THAILAND	Amphur Muang
Tn	Thasaroo	Thasaroo	THAILAND	Amphur Muang
Tn	The Gejiu cloud new colored electrolytic	Gejiu Yunnan Nonferrous Electrolysis Co., Ltd.	CHINA	Gejiu
Tn	Tin Products Manufacturing Co.LTD. of YTCI	Yunnan Tin Company Limited	CHINA	Gejiu
Tn	Tin Technology & Refining	Tin Technology & Refining	CHINA	Gejiu
Tn	Tobacco Parapanema	Mherarao Taboosa S.A.	UNITED STATES OF AMERICA	West Chester
Tn	Tuyen Quang Non-Ferrous Metals Joint Stock Company	Tuyen Quang Non-Ferrous Metals Joint Stock Company	VIET NAM	Bairro Guarapianga
Tn			VIET NAM	Tan Quang

Metall	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	WBH,Wolfram (Austria)	Wolfram Bergbau und Hutten AG	AUSTRIA	CID0002044	RMI	St. Martin I-S	Steiermark
Tungsten	Wolfram Bergbau und Hutten AG	Wolfram Bergbau und Hutten AG	AUSTRIA	CID0002044	RMI	St. Martin I-S	Steiermark
Tungsten	Woltech Korea Co., Ltd.	Woltech Korea Co., Ltd.	KOREA, REPUBLIC OF	CID0002843	RMI	Gyeongju-si	Gyeongangbuk-do
Tungsten	Xiamen H.C.	Xiamen Tungsten (H.C.) Co., Ltd.	CHINA	CID0002320	RMI	Xiamen	Fujian Sheng
Tungsten	Xiamen Tungsten (H.C.) Co., Ltd.	Xiamen Tungsten Co., Ltd.	CHINA	CID0002320	RMI	Xiamen	Fujian Sheng
Tungsten	Xiangeng Huarui Tungsten & Molybdenum New Material Co., Ltd.	Xiangeng Huarui Tungsten & Molybdenum New Material Co., Ltd.	CHINA	CID0002892	RMI	Garzhou	Fujian Sheng
Tungsten	Zhangyuan Tungsten Co Ltd	Chongyi Zhangyuan Tungsten Co., Ltd.	CHINA	CID0002890	RMI	Garzhou	Jiangxi Sheng
Tungsten	洛阳栾川钼业集团钨业有限公司	China Molybdenum Tungsten Co., Ltd.	CHINA	CID0002588	RMI	Luoyang	Jiangxi Sheng
Tungsten	Smelter not listed	Unknown	Unknown	CID0002541	RMI	Luoyang	Hunan Sheng
Tungsten	Smelter not yet identified	Unknown	Unknown				