



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	July 19th, 2011	New Release	
2	Jared	Aug 29th, 2012	Major update to functionality including: addition of the known smelter list, addition of declaration screen including standard tabs and added and modified tabs	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 "Doudoushan" id # 3CHN001 4. Corrected spelling of "Mitsubishi Materials Corporation" id # 1JPN039 5. Changed "Geju Non-ferrous" to its proper name "Geju Non-Ferrous Metal Processing Co. Ltd." 6. Changed "Mitsubishi Material" to its proper name "Mitsubishi Materials Corporation" 7. Changed "Niotan" to "Kemet Blue Powder" 8. Added "Nihon Material Co. LTD" as a gold refiner 11. Added "Kojima Chemical" as a gold refiner 12. Added "Sabin" as a gold refiner 13. Added "United Precious Metal Refining Inc." as a gold refiner 14. Added "Yokohama Metal Co Ltd" as a gold refiner 15. Added "CNMC (Guangxi) PGMA Co., Ltd." as a tin refiner 16. Added "Conghua Tantalum and Niobium Smeltry" as a tantalum refiner 17. Removed "Tantalite Resources" as a refinery 18. Added "Minmetals Ganzhou Tin Co. Ltd." as a tin refinery 19. Updated "ATI Metalworking Products" to its proper full name "ATI Tungsten Materials" 20. Updated "China Minmetals Corp." to its proper full name "China Minmetals Nonferrous Metals" 21. Removed "Ganzhou Huaxing Tungsten" as a smelter 22. Removed "Ganzhou Nonferrous Metals Smelting Co Ltd." as a smelter 23. Removed "Sichuan Metals & Materials Imp & Exp Co as a tungsten smelter 24. Added "Ganzhou Grand Sea W & Mo Group Co. Ltd." as a tungsten smelter 25. Added "Hunan Chenzhou Mining Group Co" as a tungsten smelter 26. Added "Japan New Metals Co Ltd" as a tungsten smelter
2.02	Jared Connors, Intel	March 29th, 2013	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. Make smelter ID numbers visible in Smelter List tab 11. Removed language selection from individual tabs, all controlled on Declaration tab 12. Updated template to prevent users from adding tabs to the worksheet 13. Added statement at the top of the revision history tab clarifying purpose of .0x revision updates	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 Xingru Noble" as gold smelter 4. Added "Shandong Zhaojin Group" as an alias of "Shandong Zhaojin Gold & Silver Refinery Co., Ltd" 5. Added "Shandong Zhaoyuan Gold Argentine refining company limited" as an alias of "Zhongyuan Gold Smelter of Zhongjin Gold Corporation" 6. Added "SEMPSA" as an alias for "SEMPSA Joyeria Plateria SA" 7. Added "Umicore Brazil Ltd" as an alias for "Umicore Brasil Ltda" 8. Added "Pan Pacific Copper Co., LTD." as a gold smelter 9. Added "White Smelter Metalurgia" as a tin smelter 11. Corrected spelling of "Jiuliang Tambre" to "Jiuliang Tambre Co. Ltd." 12. Added Toremco as a gold smelter 15. Added "PT Tinindo Internusa" as alias of "PT Tinindo Inter Nusa" 16. Added "CV Jus Tindo" as alias of "CV JusTindo" 17. Added "PT Bellint Makmur Lestari" and "BML" as alias of "PT Bllintin Makmur Lestari" 18. Added "Liuzhou China Tin Group Co., Ltd." as alias of "Liuzhou China Tin" 19. Added "PT Timah (Persero) TBK" and "Banka Tin" as alias of "PT Tambang Timah" 21. Added "GEJIU ZILI MINING&SMELTING CO.,LTD." as alias of "Geju ZH-L" 22. Added "Jiangxi Tungsten Co Ltd" as alias of "Jiangxi Tungsten Industry Group Co Ltd" 23. Added "Unwu Xianggu" as a tin smelter 24. Added "IMLI" and "Indra Eramulti Logam" as aliases of "PT Bukit Timah" 25. Added "CV Gita Pesona" as tin smelter 26. Added "PT Tommy Utama" as tin smelter 27. Added "PT Bangka Tin Industry" as tin smelter 28. Added "PT DS Jaya Abadi" as tin smelter 29. Added "PT Panca Mega" as tin smelter 31. Added "PT Karimun Mining" as tin smelter 32. Added "Cooper Santa" as tin smelter 33. Added "Daeyng Indus Co. Ltd" as gold smelter 34. Added "DaeryongENC" as gold smelter 35. Added "Do Sung Corporation" as gold smelter 36. Added "Hwasung CJ Co. Ltd" as gold smelter 37. Added "Korea Metal" as gold smelter
2.03	Akimasa Yamakawa, JEITA / John Plyler, BlackBerry	July 12th, 2013	1. Resolved Excel 2003 incompatibility with programming for multiple languages. 2. Minor corrections to row number references in the instructions. 3. Added translation on checker sheet for the Column Name "Hyperlink to Source" 4. Corrected Japanese translation of "authorized representative" and "representative" on Declaration worksheet. 5. Adjusted row spacing of misc cells to allow for different lengths of translated text and comments. 6. Removed the symbols for the metals on the standard smelter list (e.g., "Sn"). 7. Deleted text "If no for all metals, you are done with this survey." from question 1 on the Declaration worksheet.	1. Added "Fujian Jinxin Tungsten Co., Ltd." as tungsten refiner 2. Added "Dayu Weiliang Tungsten Co., Ltd." as tungsten refiner 3. Added "Xinhai Rendian Shaoquan Tungsten Co., Ltd." as tungsten refiner 4. Added "Hunan Chun-Chang Nonferrous Smelting & Concentrating Co., Ltd." as tungsten refiner 5. Added "Jiangxi Minmetals Gao'an Non-ferrous Metals Co., Ltd." as tungsten refiner 6. Corrected the spelling of "Allydne" to "Allydne" 7. Corrected the spelling of "Allydne Powder Technologies" to "Allydne Powder Technologies" 8. Corrected the spelling of "Korea Metal" to "Korea Metal Co. Ltd" 11. Added "Taki Chemicals" as tantalum smelter 12. Added "Tantalite Resources" as tantalum smelter 13. Corrected naming inconsistency of "Ohio Precious Metals LLC." on standard smelter list and alias table. 14. Corrected naming inconsistency of "The Refinery of Shandong Gold Mining Co., Ltd" on standard smelter list and alias table. 15. Added "Molycorp Silmet" as tantalum smelter 16. Added "King-Tan Tantalum Industry Ltd" as tantalum smelter 17. Added "CooperMetal" as an alias of "Coopersanta" 18. Corrected the spelling of "Malaysia Smelting Corp" to "Malaysia Smelting Corporation (MSC)" 19. Corrected the spelling of "Asahi Pretec Corp" to "Asahi Pretec Corporation" 21. Added "Fenix Metals" as tin smelter 22. Changed alias "Bangka Tin" from "PT Tambang Timah" to "PT Timah" 23. Added "Ketapang" as an alias of "PT Bangka Putra Karya" 24. Corrected the Smelter ID of Cooper Santa from "ZIDN063" to "ZBRA063" 25. Added "Kundur" as an alias of "PT Tambang Timah" 26. Added "TT" as an alias of "PT Tambang Timah" 27. Added "CooperMetal" as an alias of "Coopersanta" 28. Deleted "CooperMetal" as an alias of "Coopersanta"
2.03a	John Plyler, BlackBerry	July 25th, 2013	No functional change.	1. Corrected the spelling of "ALMT" to "A.L.M.T. Corp." 2. Added "A.L.M.T. Tungsten Corp", "Allied Material Corp", and "ALMT" as aliases of "A.L.M.T. Corp." 3. Corrected country of "A.L.M.T. Corp." to "Japan" and smelter ID to "4JPN020" 4. Changed alias "Wolfram" for "Wolfram Company CJSC" to "Wolfram [Russia]" 5. Added "Wolfram [Austria]" as an alias of "Wolfram Bergbau und Hutten AG" 6. Added "Kennametal Inc." as a tungsten refiner
3.00	Akimasa Yamakawa, JEITA, and John Plyler, BlackBerry, under the direction of the CFSI Due Diligence Workgroup	April 9th, 2014	Major update to synchronize the CFSI CMRT with the data fields in the newly published IPC-1755 Standard. Changes include: 1. Addition of new company information fields. 2. Two additional due diligence questions and removal of one. 3. Minor changes to question text throughout. 4. Expansion of instructions and definitions. 5. Updated translations of all modified text.	Added the following gold refiners: 1. Bauer Wälsch AG 2. C. Halfer GmbH + Co. KG 3. China National Gold Group Corporation 4. Colt Refining 5. Daye Non-Ferrous Metals Mining Ltd. 6. Doduco 7. Eco-System Recycling Co., Ltd. 8. Gansu Seemine Material Hi-Tech Co Ltd 9. Guandong Iron and Steel Limited

				11. Hunan Chenzhou Mining Industry Group 12. Kennecott Utah Copper LLC 13. Lingbao Jinyuan Tonghui Refinery Co. Ltd. 14. Luoyang Zijin Yinhui Metal Smelt Co Ltd 15. Metakor Technologies (Singapore) Pte. Ltd. 16. Ohura Precious Metal Industry Co., Ltd 17. Penglai Penggang Gold Industry Co Ltd 18. So Accurate Group, Inc. 19. Tongling nonferrous Metals Group Co., Ltd 21. YAMAMOTO PRECIOUS METAL CO., LTD. 22. Yunnan Copper Industry Co Ltd Added the following tantalum smelters: 1. Changsha South Tantalum Niobium Co Ltd 2. Guangdong Zhiyuan New Material Co., Ltd. 3. Hengyang King Xing Lifeng New Materials Co., LTD 4. Metallurgical Products India (Pvt.) Ltd. 5. Mineração Taboca S.A. 6. Shanghai Jiangxi Metals Co. Ltd Added the following tin smelters: 1. China Rare Metal Materials Company 2. Estanho de Rondônia S.A. 3. Magnu's Minerals Metais e Ligas LTDA 4. O.M. Manufacturing (Thailand) Co., Ltd. 5. Rui Da Hung Added the following tungsten refiners: 1. Ganzhou Jiangwu Ferrotungsten Co., Ltd. 2. Jiangxi Gan Bei Tungsten Co., Ltd. 3. Jiangxi Richsea New Materials Co., Ltd. 4. Jiangxi Tonggu Non-ferrous Metallurgical & Chemical Co., Ltd. 5. Jiangxi Xinsheng Tungsten Industry Co., Ltd. 6. Jiangxi Yaosheng Tungsten Co., Ltd. 7. Malipo Haiyu Tungsten Co., Ltd. Removed the following as gold refiners: 1. Central Bank of the DPR of Korea 2. Codeco 3. Suzhou Xingui Noble Removed "Gannon & Scott" as a tantalum smelter Removed the following as tin smelters: 1. CV Duta Putra Bangka 2. CV Gita Pesona 3. CV JusTindo 4. CV Makmur Jaya 5. CV Nurjanah 6. Gold Bell Group 7. PT Alam Lestari Kencana 8. PT Babel Surya Alam Lestari 9. PT Banka Kudat Tin 11. PT Bilitin Makmur Lestari 12. PT Fang Di MuTindo 13. PT HP Metals Indonesia 14. PT Koba Tin 15. PT Panca Mega 16. PT Seirama Tin investment 17. PT Sumber Jaya Indah 18. PT Timah Nusantara 19. PT Tommiv Utama Removed the following as tungsten refiners: 1. China Minmetals Nonferrous Metals Co Ltd 2. Ganzhou Grand Sea W & Mo Group Co Ltd 1. "Pan Pacific Copper Co. LTD" to "JX Nippon Mining & Metals Co., Ltd"
3.01	Akimasa	May 30th, 2014	1. Removed the ability to overwrite the "Declaration Scope or Class" field.	1. Added the tin smelter "Melt Metais e Ligas S/A"
3.02	John Plyler.	Nov 7th, 2014	1. Revisions to the German language translation throughout.	This version incorporates numerous changes to the smelter list as reflected in the
4.0	CFSI Due	Apr 30th, 2015	Replaced the Standard Smelter Names tab with the Smelter Reference List	This version incorporates numerous changes to the smelter list as reflected in the Standard
4.01	CFSI Due	June 12th, 2015	Minor revisions to correct reported issues including those related to error	This version incorporates a few changes to the smelter list as reflected in the Standard Smelter
4.01a	CFSI Due	August 6th, 2015	No functional change. Element CID corrected to read CID001322.	This version incorporates a few changes to the smelter list as reflected in the Standard Smelter
4.01b	CFSI Due	November 16th, 2015	No functional change.	This version incorporates a few changes to the smelter list as reflected in the Standard Smelter
4.10	CFSI CMRT Team	May 12, 2017	1. Corrections to all bugs and errors 2. Enhancements which do not conflict with IPC-1755	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:
4.20	CFSI CMRT Team	November 30, 2016	1. Corrections to all bugs and errors 2. Enhancements which do not conflict with IPC-1755	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:
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.	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:
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:
5.10	CFSI CMRT Team	December 1, 2017	1. Corrections to all bugs and errors 2. Enhancements which do not conflict with IPC-1755	This version incorporates a few changes to the smelter list as reflected in the Standard Smelter List as of September 29, 2017. The latest version of the Standard Smelter List is available at:
5.11	RMI MRT Team	April 27, 2018	1. Corrections to all bugs and errors 2. Enhancements which do not conflict with IPC-1755	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:
5.12	RMI MRT Team	April 26, 2019	1. Corrections to all bugs and errors 2. Enhancements which do not conflict with IPC-1755	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:
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	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:
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:
6.10	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/ .
6.2	RMI MRT Team	27-Apr-22	1. Corrections to all bugs and errors 2. Updates 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 24, 2022. The latest version of the Standard Smelter List is available at: http://www.responsiblemineralsinitiative.org/responsible-minerals-assurance-process/exports/cmrt-export/ .
6.21	RMI MRT Team	6-May-22	1. Minor revisions to correct reported issues including those related to "Smelter List" tab.	This version incorporates a few changes to the smelter list as reflected in the Standard Smelter List as of February 24, 2022. The latest version of the Standard Smelter List is available at: http://www.responsiblemineralsinitiative.org/responsible-minerals-assurance-process/exports/cmrt-export/ .
6.22	RMI MRT Team	11-May-22	1. 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 February 24, 2022. 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

*** In 2010, the U.S. Dodd-Frank Wall Street Reform and Consumer Protection Act was passed concerning "conflict minerals" originating from the Democratic Republic of the Congo (DRC) or adjoining countries. The SEC published final rules associated with the disclosure of the source of conflict minerals by U.S. publicly traded companies (see the rules at <http://www.sec.gov/rules/final/2012/34-67716.pdf>). The rules reference the OECD Due Diligence Guidance for Responsible Supply Chains of Minerals from Conflict-Affected and High-Risk Areas, (<http://www.oecd.org/daf/inv/mne/GuidanceEdition2.pdf>), which guides suppliers to establish policies, due diligence frameworks and management systems.**

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.

[Instructions for completing Company Information questions \(rows 8 - 22\).](#)
[Note: Entries with \(*\) are mandatory fields.](#)

1. Insert your company's Legal Name. Please do not use abbreviations. In

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

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

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

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

10. Insert the title for the Authorizing person. This field is optional.

11. Insert the email address of the Authorizing person. If an email

12. Insert the telephone number for the Authorizing person. This field is

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-

[Instructions for completing the eight Due Diligence Questions \(rows 24 -](#)

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 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 "Yes" and "No". Some companies may require substantiation for a "No" answer that

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
3. This is a declaration that any portion of the 3TGs contained in a product
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/.
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
6. This is a question to determine whether a company has received
7. This question verifies if the supplier has reason to believe they have
8. This question verifies that all of the smelters identified to be providing
Provide comments in the Comment sections as required to clarify your responses
Instructions for completing Questions A. – H. (rows 75 - 89). Questions
The OECD Due Diligence Guidance for Responsible Supply Chains of

A. This is a declaration to disclose whether a company has a responsible
B. This is a declaration to disclose whether a company's responsible
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.
C. This is a declaration to determine whether a company requires their
D. Please answer "yes" or "no" to disclose whether your company has
E. This is a question to disclose whether a company requests their supplier
F. Please answer "Yes" or "No". In the comments section, you can
G. This is a question to disclose whether a company's review process
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
Instructions for completing the Smelter List Tab.
Note: Columns with (*) are mandatory fields
This template allows for smelter identification using the Smelter Look-up.
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
5. Smelter Country (*) - This field will auto-populate when a smelter
6. Smelter Identification - This is a unique identifier assigned to a smelter
7. Source of Smelter Identification Number - This is the source of the
8. Smelter Street - Provide the street name on which the smelter is
9. Smelter City - Provide the city name of where the smelter is located.
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
12. Smelter Contact Email - Fill in the email address of the Smelter

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 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 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
TERMS AND CONDITIONS
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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
Dodd-Frank	2010 United States legislation, Dodd-Frank Wall Street Reform and Consumer Protection Act.
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%.
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.
Intentionally added	Intentionally added is commonly known as the deliberate use of a substance, or in this case metal, in the formulation of a product where continued presence is desired to provide a specific characteristic, appearance or quality. While the SEC does not define the phrase "intentionally added" in the final rule*, the rule's preamble states: "[W]e agree that being intentionally added, rather than being a naturally-occurring by-product, is a significant factor in determining whether a conflict mineral is "necessary to the functionality or production" of a product. This is true regardless of who intentionally added the conflict mineral to the product so long as it is contained in the product. [D]etermining whether a conflict mineral is considered "necessary" to a product should not depend on whether the conflict mineral is added directly to the product by the issuer or whether it is added to a component of the product that the issuer receives from a third party. Instead, the issuer should "report on the totality of the product and work with suppliers to comply with the requirements." Therefore, in determining whether a conflict mineral is "necessary" to a product, an issuer must consider any conflict mineral contained in its product, even if that conflict mineral is only in the product because it was included as part of a component of the product that was manufactured originally by a third party." * (56296 Federal Register / Vol. 77, No. 177 / Wednesday, September 12, 2012 / Rules and Regulations)
IPC	IPC (www.IPC.org) is a global industry association based in Bannockburn, Ill., dedicated to the competitive excellence and financial success of its 3,400 member companies which represent all facets of the electronics industry, including design, printed board manufacturing, electronics assembly and test. As a member-driven organization and leading source for industry standards, training, market research and public policy advocacy, IPC supports programs to meet the needs of an estimated \$2.0 trillion global electronics industry. IPC maintains additional offices in Taos, N.M.; Washington, D.C.; Stockholm, Sweden; Moscow, Russia; Bangalore, India; Bangkok, Thailand; and Shanghai, Shenzhen, Chengdu, Suzhou and Beijing, China.
IPC-1755 Responsible Sourcing	This IPC standard establishes the requirements for exchanging conflict minerals data between
Necessary for the Functionality	The SEC does not provide a formal definition of this phrase in the final rule*, however it provides
Necessary for the Production of	The SEC does not provide a formal definition of this phrase in the final rule*, however it provides
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
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	The Responsible Minerals Assurance Process (RMAP) is a process developed by the RBA to
Responsible Minerals Initiative	Initiated 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
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/ .

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Revision 6.1
April 28, 2021

Comments

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To ensure all required fields have been populated before submitting to your customers review form for any line items highlighted in red
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Required fields remaining to
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Required Fields		Answer provided	Notes	Hyperlink to source
Smelter List(A)				
Company Name (*)		Jacobs & Thompson Inc. dba World Wide Foam	Complete	View source
Declaration Scope or Class (*)		A. Commodity	Complete	View source
Contact Name (*)		Alicia Jennings	Complete	View source
Email - Contact (*)		Quality@worldwidefoam.com	Complete	View source
Phone - Contact (*)		574-314-6460	Complete	View source
Authorizer (*)		Alicia Jennings	Complete	View source
Email - Authorizer (*)		Quality@worldwidefoam.com	Complete	View source
Effective Date (*)		1-Oct-2022	Complete	View source
Tantalum	No	Complete	View source	
Tin	No	Complete	View source	
Gold	No	Complete	View source	
Tungsten	No	Complete	View source	
2) Does any 3TG remain in the product/s?	0	Complete	View source	
Tin	0	Complete	View source	
Gold	0	Complete	View source	
Tungsten	0	Complete	View source	
3) Do any of the smelters in your supply chain source the 3TG from the covered countries? (SEC term, see definitions tab)				
Tantalum	0	Complete	View source	
Tin	0	Complete	View source	
Gold	0	Complete	View source	
Tungsten	0	Complete	View source	
4) Do any of the smelters in your supply chain source the 3TG from conflict-affected and high-risk areas?				
Tantalum	0	Complete	View source	
Tin	0	Complete	View source	
Gold	0	Complete	View source	
Tungsten	0	Complete	View source	
5) Does 100 percent of the 3TG (necessary to the product/s)	0	Complete	View source	
Tin	0	Complete	View source	
Gold	0	Complete	View source	
Tungsten	0	Complete	View source	
6) What percentage of relevant suppliers have	0%	Complete	View source	
Tin	0%	Complete	View source	
Gold	0%	Complete	View source	
Tungsten	0%	Complete	View source	
7) Have you identified all of the smelters supplying	0	Complete	View source	
Tin	0	Complete	View source	
Gold	0	Complete	View source	
Tungsten	0	Complete	View source	
8) Has all applicable smelter information received by	0	Complete	View source	
Tin	0	Complete	View source	
Gold	0	Complete	View source	
Tungsten	0	Complete	View source	
Question				
a. Have you established a responsible minerals	No	Complete	View source	
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	View source	
The URL in the comment field	0	Complete		
c. Do you require your direct suppliers to source their	No	Complete	View source	
d. Have you implemented due diligence measures for	No	Complete	View source	
e. Have your primary conflict minerals	Yes, in conformance with IPC1755 (i.e., CMRT)	Complete	View source	
f. Do you review and monitor downstream processing	Yes	Complete	View source	
g. Have your review sources include downstream supply	No	Complete	View source	
h. Is your company required to file an annual conflict	No	Complete	View source	
product list	No products or item numbers listed	Complete	View source	
Smelter List - Tantalum		Complete	View source	
Smelter List - Tin		Complete	View source	
Smelter List - Gold		Complete	View source	
Smelter List - Tungsten		Complete	View source	
All rows with "Smelter not listed" selected, have a		N/A		

**Manufacturer's Product Number (*)**[illegible]

Reporting level "Product (or List of Products)"

[Click here to return to Decla](#)
Manufacturer's Product Name

[illegible]

cts)" selected on the 'Declaration' worksheet.

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Comments

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hts reserved.

The following list represents the RMI's latest smelter name/alias in the RMI Standard Smelter List. For more information, visit <http://www.responsiblemineralsinitiative.org/responsible-mineral-Minerals-Assurance-Process>.

Please refer to the RMI web site www.responsiblemineralsinitiative.org for more information.

Names included in column B represent company names that are common or other variations. Although the names may not be the RMI Standard Smelter Name, they are included for reference.

Column C is the list of the official standard smelter names, in the case where a variation is noted in Column B.

Metal	Smelter Look-up (*)
Gold	8853 S.p.A.
Gold	Abington Reldan Metals, LLC
Gold	Advanced Chemical Company
Gold	African Gold Refinery
Gold	AGR (Perth Mint Australia)
Gold	AGR Mathey
Gold	Aida Chemical Industries Co., Ltd.
Gold	AKITA Seiren
Gold	Al Etihad Gold LLC
Gold	Al Etihad Gold Refinery DMCC
Gold	Alexy Metals
Gold	Allgemeine Gold-und Silberscheideanstalt A.G.
Gold	Almalyk Mining and Metallurgical Complex (AMMC)
Gold	Amagasaki Factory, Hyogo Prefecture, Japan
Gold	AngloGold Ashanti Brazil
Gold	AngloGold Ashanti Corrego do Sitio Mineracao
Gold	AngloGold Ashanti Córrego do Sítio Mineração
Gold	Anhui Tongling Nonferrous Metal Mining Co., Ltd.
Gold	ANZ (Perth Mint 4N)
Gold	ANZ Bank
Gold	Argor-Heraeus S.A.
Gold	Asahi Pretec Corp.
Gold	Asahi Refining Canada Ltd.
Gold	Asahi Refining USA Inc.
Gold	Asaka Riken Co., Ltd.
Gold	ATAkulche
Gold	Atasay Kuyumculuk Sanayi Ve Ticaret A.S.
Gold	AU Traders and Refiners
Gold	Augmont Enterprises Private Limited
Gold	Aurubis AG
Gold	BALORE REFINERSGA
Gold	Bangalore Refinery
Gold	Bangalore Refinery Pvt Ltd
Gold	Bangko Sentral ng Pilipinas (Central Bank of the Philippines)
Gold	Boliden AB
Gold	C. Hafner GmbH + Co. KG

Gold	C.I Metales Procesados Industriales SAS
Gold	Caridad
Gold	CCR
Gold	CCR Refinery - Glencore Canada Corporation
Gold	Cendres + M?taux SA
Gold	Cendres + Metaux S.A.
Gold	Cendres + Métaux S.A.
Gold	Central Bank of the Philippines Gold Refinery & Mint
Gold	CGR Metalloys Pvt Ltd.
Gold	CHALCO Yunnan Copper Co. Ltd.
Gold	Chemmanur Gold Refinery
Gold	Chimet S.p.A.
Gold	China Henan Zhongyuan Gold Smelter
Gold	China's Shandong Gold Mining Co., Ltd
Gold	Chugai Mining
Gold	Daye Non-Ferrous Metals Mining Ltd.
Gold	DEGUSSA
Gold	Degussa Sonne / Mond Goldhandel GmbH
Gold	Dijllah Gold Refinery FZC
Gold	Do Sung Corporation
Gold	Doduco
Gold	DODUCO Contacts and Refining GmbH
Gold	Dosung metal
Gold	Dowa
Gold	Dowa Kogyo k.k.
Gold	Dowa Metalmine Co. Ltd
Gold	Dowa Metals & Mining Co. Ltd
Gold	DS PRETECH Co., Ltd.
Gold	DSC (Do Sung Corporation)
Gold	Eco-System Recycling Co., Ltd. East Plant
Gold	Eco-System Recycling Co., Ltd. North Plant
Gold	Eco-System Recycling Co., Ltd. West Plant
Gold	Ekaterinburg
Gold	Emerald Jewel Industry India Limited (Unit 1)
Gold	Emerald Jewel Industry India Limited (Unit 2)
Gold	Emerald Jewel Industry India Limited (Unit 3)
Gold	Emerald Jewel Industry India Limited (Unit 4)
Gold	Emirates Gold DMCC
Gold	Federal State Unitary Enterprise Moscow Special Proce
Gold	Fidelity Printers and Refiners Ltd.
Gold	FSE Novosibirsk Refinery
Gold	Fujairah Gold FZC
Gold	Fujian Zijin mining stock company gold smelter
Gold	GCC Gujrat Gold Centre Pvt. Ltd.
Gold	Geib Refining Corporation
Gold	Gold Coast Refinery
Gold	Gold Mining in Shandong (Laizhou) Limited Company
Gold	Gold Refinery of Zijin Mining Group Co., Ltd.
Gold	Great Wall Precious Metals Co,. LTD.
Gold	Great Wall Precious Metals Co., Ltd. of CBPM
Gold	Guangdong Gaoyao Co
Gold	Guangdong Jinding Gold Limited

Gold	Gujarat Gold Centre
Gold	Guoda Safina High-Tech Environmental Refinery Co.,
Gold	Hangzhou Fuchunjiang Smelting Co., Ltd.
Gold	HeeSung Metal Ltd.
Gold	Heimerle + Meule GmbH
Gold	Henan Zhongyuan Gold Refinery Co., Ltd.
Gold	Henan Zhongyuan Gold Smelter of Zhongjin Gold Co.
Gold	Henan Zhongyuan Gold Smelter of Zhongjin Gold Cor
Gold	Heraeus Germany GmbH Co. KG
Gold	Heraeus Ltd. Hong Kong
Gold	Heraeus Metals Hong Kong Ltd.
Gold	Heraeus Precious Metals GmbH & Co. KG
Gold	Hunan Chenzhou Mining Co., Ltd.
Gold	Hunan Chenzhou Mining Group Co., Ltd.
Gold	Hunan Chenzhou Mining Industry Co. Ltd.
Gold	Hunan Guiyang yinxing Nonferrous Smelting Co., Ltd.
Gold	Hunan Yu Teng Non-Ferrous Metals Co., Ltd.
Gold	HwaSeong CJ CO., LTD.
Gold	Industrial Refining Company
Gold	Inner Mongolia Qiankun Gold and Silver Refinery Shar
Gold	International Precious Metal Refiners
Gold	Ishifuku Metal Industry Co., Ltd.
Gold	Istanbul Gold Refinery
Gold	Italpreziosi
Gold	JALAN & Company
Gold	Japan Mint
Gold	JCC
Gold	Jiangxi Copper Co., Ltd.
Gold	Johnson Matthey Canada
Gold	Johnson Matthey Inc.
Gold	Johnson Matthey Inc. (USA)
Gold	Johnson Matthey Limited
Gold	JSC Ekaterinburg Non-Ferrous Metal Processing Plant
Gold	JSC Novosibirsk Refinery
Gold	JSC Uralelectromed
Gold	JX Nippon Mining & Metals Co., Ltd.
Gold	K.A. Rasmussen
Gold	Kaloti Precious Metals
Gold	Kazakhmys Smelting LLC
Gold	Kazzinc
Gold	Kennecott Utah Copper LLC
Gold	KGHM Polska Miedz S.A.
Gold	KGHM Polska Miedz Spolka Akcyjna
Gold	KGHM Polska Miedz Spółka Akcyjna
Gold	Kojima Chemicals Co., Ltd.
Gold	Kojima Kagaku Yakuhin Co., Ltd
Gold	Kombinat Gorniczo Hutniczy Miedz Polska Miedz S.A.
Gold	Korea Zinc Co., Ltd.
Gold	Kosak Seiren
Gold	KUC
Gold	Kundan Care Products Ltd.
Gold	Kyrgyzaltyn JSC

Gold	Kyshtym Copper-Electrolytic Plant ZAO
Gold	La Caridad
Gold	LAIZHOU SHANDONG
Gold	L'azurde Company For Jewelry
Gold	LinBao Gold Mining
Gold	Lingbao Gold Co., Ltd.
Gold	Lingbao Jinyuan Tonghui Refinery Co., Ltd.
Gold	L'Orfebre S.A.
Gold	LS-NIKKO Copper Inc.
Gold	LT Metal Ltd.
Gold	Luoyang Zijin Yinhui Gold Refinery Co., Ltd.
Gold	Luoyang Zijin Yinhui Gold Smelting
Gold	Luoyang Zijin Yinhui Metal Smelt Co Ltd
Gold	Marsam Metals
Gold	Materion
Gold	Matsuda Sangyo Co., Ltd.
Gold	MD Overseas
Gold	MEM(Sumitomo Group)
Gold	Metal Concentrators SA (Pty) Ltd.
Gold	Metalúrgica Met-Mex Peñoles, S.A. de C.V
Gold	Metallix Refining Inc.
Gold	Metallurgie Hoboken Overpelt
Gold	Metalor Switzerland
Gold	Metalor Technologies (Hong Kong) Ltd.
Gold	Metalor Technologies (Singapore) Pte., Ltd.
Gold	Metalor Technologies (Suzhou) Ltd.
Gold	Metalor Technologies S.A.
Gold	Metalor USA Refining Corporation
Gold	Metalurgica Met-Mex Penoles S.A. De C.V.
Gold	Metalúrgica Met-Mex Peñoles S.A. De C.V.
Gold	Met-Mex Peñoles, S.A.
Gold	Met-Mex Penoles, S.A.
Gold	Mitsubishi Materials Corporation
Gold	Mitsui Kinzoku Co., Ltd.
Gold	Mitsui Mining and Smelting Co., Ltd.
Gold	MMTC-PAMP India Pvt., Ltd.
Gold	Modeltech Sdn Bhd
Gold	Morris and Watson
Gold	Moscow Special Alloys Processing Plant
Gold	Nadir Metal Rafineri San. Ve Tic. A.S.
Gold	Nadir Metal Rafineri San. Ve Tic. A.Ş.
Gold	Navoi Mining and Metallurgical Combinat
Gold	NH Recytech Company
Gold	Nihon Material Co., Ltd.
Gold	Niihama Toyo Smelter & Refinery
Gold	Norddeutsche Affinerie AG
Gold	Ogussa Österreichische Gold- und Silber-Scheideanstalt
Gold	Ögussa Österreichische Gold- und Silber-Scheideanstalt
Gold	Ohura Precious Metal Industry Co., Ltd.
Gold	OJSC "The Gulidov Krasnoyarsk Non-Ferrous Metals Plant"
Gold	OJSC Krastsvetmet
Gold	OJSC Novosibirsk Refinery

Gold	PAMP S.A.
Gold	Pan Pacific Copper Co Ltd.
Gold	Pease & Curren
Gold	Penglai Penggang Gold Industry Co., Ltd.
Gold	Perth Mint
Gold	Perth Mint (ANZ)
Gold	Planta Recuperadora de Metales SpA
Gold	Prioksky Plant of Non-Ferrous Metals
Gold	Produits Artistiques de Métaux
Gold	PT Aneka Tambang (Persero) Tbk
Gold	PX Precinox S.A.
Gold	PX Précinox S.A.
Gold	QG Refining, LLC
Gold	Rand Refinery (Pty) Ltd.
Gold	Refinery LS-Nikko Copper Inc.
Gold	Refinery of Seemine Gold Co., Ltd.
Gold	Remondis Argentia B.V.
Gold	REMONDIS PMR B.V.
Gold	Royal Canadian Mint
Gold	SAAMP
Gold	Sabin Metal Corp.
Gold	Safimet S.p.A
Gold	SAFINA A.S.
Gold	Saganoseki Smelter & Refinery
Gold	Sai Refinery
Gold	Samdok Metal
Gold	Samduck Precious Metals
Gold	Samwon Metals Corp.
Gold	Sancus ZFS (L'Orfebre, SA)
Gold	SAXONIA Edelmetalle GmbH
Gold	SD (Samdok) Metal
Gold	Sellem Industries Ltd.
Gold	SEMPSA Joyeria Plateria S.A.
Gold	SEMPSA Joyería Platería S.A.
Gold	Sempsa JP (Cookson Sempsa)
Gold	Shan Dong Huangjin
Gold	Shandong Gold Mine(Laizhou) Smelter Co., Ltd.
Gold	Shandong Gold Smelting Co., Ltd.
Gold	Shandong Guoda Gold Co., Ltd.
Gold	shandong huangjin
Gold	Shandong Humon Smelting Co., Ltd.
Gold	Shandong middlings JinYe group Co., LTD
Gold	Shandong Tarzan Bio-Gold Industry Co., Ltd.
Gold	Shandong Tiancheng Biological Gold Industrial Co., Lt
Gold	Shandong Zhaojin Gold & Silver Refinery Co., Ltd.
Gold	Shangdong Gold (Laizhou)
Gold	Shenzhen Zhonghenglong Real Industry Co., Ltd.
Gold	Shirpur Gold Refinery Ltd.
Gold	Shonan Plant Tanaka Kikinzoku
Gold	Shyolkovsky
Gold	Sichuan Tianze Precious Metals Co., Ltd.
Gold	Singapore Tanaka

Gold	Singway Technology Co., Ltd.
Gold	SMM
Gold	SOE Shyolkovsky Factory of Secondary Precious Metal
Gold	Solar Applied Materials Technology Corp.
Gold	SOLAR CHEMICALAPPLIED MATERIALS TECHNOLOGY
Gold	Solartech
Gold	Sovereign Metals
Gold	State Research Institute Center for Physical Sciences
Gold	Sudan Gold Refinery
Gold	Sumitomo Kinzoku Kozan K.K.
Gold	Sumitomo Metal Mining Co., Ltd.
Gold	SungEel HiMetal Co., Ltd.
Gold	SungEel HiTech
Gold	T.C.A S.p.A
Gold	Takehara Refinery
Gold	Tamano Smelter
Gold	Tanaka Denshi Kogyo K.K
Gold	Tanaka Electronics (Hong Kong) Pte. Ltd.
Gold	TANAKA Electronics (Malaysia) SDN. BHD.
Gold	Tanaka Electronics (Singapore) Pte. Ltd.
Gold	Tanaka Kikinzoku International
Gold	Tanaka Kikinzoku Kogyo K.K
Gold	Tanaka Kikinzoku Kogyo K.K.
Gold	Tanaka Precious Metals
Gold	The Great Wall Gold and Silver Refinery of China
Gold	The Perth Mint
Gold	The Refinery of Shandong Gold Mining Co., Ltd.
Gold	Tokuriki Honten Co., Ltd.
Gold	Tongling Nonferrous Metals Group Co., Ltd.
Gold	TongLing Nonferrous Metals Group Holdings Co., Ltd.
Gold	Tony Goetz NV
Gold	TOO Tau-Ken-Altyn
Gold	Torecom
Gold	Toyo Smelter & Refinery
Gold	TSK Pretech
Gold	Umicore Precious Metals Refining Hoboken
Gold	Umicore Precious Metals Thailand
Gold	Umicore S.A. Business Unit Precious Metals Refining
Gold	United Precious Metal Refining, Inc.
Gold	Valcambi S.A.
Gold	Value Trading
Gold	WEEEREFINING
Gold	Western Australian Mint (T/a The Perth Mint)
Gold	WIELAND Edelmetalle GmbH
Gold	Williams Advanced Materials
Gold	Xstrata
Gold	Yamakin Co., Ltd.
Gold	Yamamoto Precious Co., Ltd.
Gold	Yamamoto Precious Metal Co., Ltd.
Gold	Yamamoto Precision Metals
Gold	Yantai NUS Safina tech environmental Refinery Co. Lt
Gold	Yokohama Metal Co., Ltd.

Gold	Yunnan Copper Industry Co., Ltd.
Gold	Zhao Jin Mining Industry Co Ltd
Gold	Zhao Yuan Gold Mine
Gold	Zhao Yuan Gold Smelter of ZhongJin
Gold	Zhao Yuan Jin Kuang
Gold	Zhaojin Mining Industry Co., Ltd.
Gold	zhaojinjinyinyelian
Gold	Zhaoyuan Gold Group
Gold	Zhongjin Gold Corporation Limited
Gold	Zhongyuan Gold Smelter of Zhongjin Gold Corporation
Gold	Zijin Kuang Ye Refinery
Gold	Zijin Mining Industry Corporation
Gold	Smelter not listed
Gold	Smelter not yet identified
Tantalum	Asaka Riken Co., Ltd.
Tantalum	Changsha South Tantalum Niobium Co., Ltd.
Tantalum	Changsha Southern
Tantalum	D Block Metals, LLC
Tantalum	Exotech Inc.
Tantalum	F & X
Tantalum	F&X Electro-Materials Ltd.
Tantalum	FIR Metals & Resource Ltd.
Tantalum	Global Advanced Metals Aizu
Tantalum	Global Advanced Metals Boyertown
Tantalum	Guangdong Zhiyuan New Material Co., Ltd.
Tantalum	H.C. Starck Co., Ltd.
Tantalum	H.C. Starck Hermsdorf GmbH
Tantalum	H.C. Starck Inc.
Tantalum	H.C. Starck Ltd.
Tantalum	H.C. Starck Smelting GmbH & Co. KG
Tantalum	H.C. Starck Tantalum and Niobium GmbH
Tantalum	Hengyang King Xing Lifeng New Materials Co., Ltd.
Tantalum	Jiangxi Dinghai Tantalum & Niobium Co., Ltd.
Tantalum	Jiangxi Tuohong New Raw Material
Tantalum	JiuJiang JinXin Nonferrous Metals Co., Ltd.
Tantalum	Jiujiang Nonferrous Metals Smelting Company Limitec
Tantalum	Jiujiang Tanbre Co., Ltd.
Tantalum	Jiujiang Zhongao Tantalum & Niobium Co., Ltd.
Tantalum	KEMET Blue Metals
Tantalum	KEMET de Mexico
Tantalum	LSM Brasil S.A.
Tantalum	Meta Materials
Tantalum	Metallurgical Products India Pvt. Ltd. (MPIL)
Tantalum	Metallurgical Products India Pvt., Ltd.
Tantalum	Mineracao Taboca S.A.
Tantalum	Mineração Taboca S.A.
Tantalum	Mineracao Taboca SA
Tantalum	Mitsui Mining & Smelting
Tantalum	Mitsui Mining and Smelting Co., Ltd.
Tantalum	Molycorp Silmet A.S.
Tantalum	Ningxia Non-Ferrous Metal Smeltery
Tantalum	Ningxia Orient Tantalum Industry Co., Ltd.

Tantalum	NPM Silmet AS
Tantalum	Power Resources
Tantalum	Power Resources Ltd.
Tantalum	PRG Dooel
Tantalum	QuantumClean
Tantalum	Resind Ind e Com Ltda.
Tantalum	Resind Industria e Comercio Ltda.
Tantalum	Resind Indústria e Comércio Ltda.
Tantalum	RFH
Tantalum	RFH Tantalum Smeltry Co., Ltd.
Tantalum	Solikamsk
Tantalum	Solikamsk Magnesium Works OAO
Tantalum	Solikamsk Metal Works
Tantalum	Taki Chemical Co., Ltd.
Tantalum	Taki Chemicals
Tantalum	TANIOBIS Co., Ltd.
Tantalum	TANIOBIS GmbH
Tantalum	TANIOBIS Japan Co., Ltd.
Tantalum	TANIOBIS Smelting GmbH & Co. KG
Tantalum	Telex Metals
Tantalum	ULBA
Tantalum	Ulba Metallurgical Plant JSC
Tantalum	XIMEI RESOURCES (GUANGDONG) LIMITED
Tantalum	XinXing HaoRong Electronic Material Co., Ltd.
Tantalum	Yancheng Jinye New Material Technology Co., Ltd.
Tantalum	Yanling Jincheng Tantalum & Niobium Co., Ltd.
Tantalum	Yanling Jincheng Tantalum Co., Ltd.
Tantalum	タニオビス・ジャパン株式会社
Tantalum	Smelter not listed
Tantalum	Smelter not yet identified
Tin	Alent plc
Tin	Alpha
Tin	Alpha Metals
Tin	Alpha Metals Korea Ltd.
Tin	Alpha Metals Taiwan
Tin	An Vinh Joint Stock Mineral Processing Company
Tin	Brand RBT
Tin	Chengfeng Metals Co Pte Ltd
Tin	Chenzhou Yun Xiang mining limited liability company
Tin	Chenzhou Yunxiang Mining and Metallurgy Co., Ltd.
Tin	Chifeng Dajingzi Tin Industry Co., Ltd.
Tin	China Tin (Hechi)
Tin	China Tin Group Co., Ltd.
Tin	China Tin Lai Ben Smelter Co., Ltd.
Tin	China Yunnan Tin Co Ltd.
Tin	Cookson
Tin	Cookson (Alpha Metals Taiwan)
Tin	Cookson Alpha Metals (Shenzhen) Co., Ltd.
Tin	CRM Fundicao De Metais E Comercio De Equipamento
Tin	CRM Fundação De Metais E Comércio De Equipamento
Tin	CRM Synergies
Tin	CV Ayi Jaya

Tin	CV Nurjanah
Tin	CV Tiga Sekawan
Tin	CV Venus Inti Perkasa
Tin	Dongguan CiEXPO Environmental Engineering Co., Ltd
Tin	Dowa
Tin	Dowa Metaltech Co., Ltd.
Tin	Electro-Mechanical Facility of the Cao Bang Minerals &
Tin	EM Vinto
Tin	Empresa Metalúrgica Vinto
Tin	Empressa Nacional de Fundiciones (ENAF)
Tin	ENAF
Tin	Estanho de Rondonia S.A.
Tin	Estanho de Rondônia S.A.
Tin	Fabrica Auricchio
Tin	Fábrica Auricchio
Tin	Fabrica Auricchio Industria e Comercio Ltda.
Tin	Fenix Metals
Tin	Funsur Smelter
Tin	Gejiu City Datun Chengfeng Smelter
Tin	Gejiu City Fuxiang Industry and Trade Co., Ltd.
Tin	Gejiu Fengming Metallurgy Chemical Plant
Tin	Gejiu Fuxiang Gongmao Co., Ltd.
Tin	Gejiu Kai Meng Industry and Trade LLC
Tin	Gejiu Non-Ferrous Metal Processing Co., Ltd.
Tin	Gejiu Yunxin Nonferrous Electrolysis Co., Ltd.
Tin	Gejiu Zi-Li
Tin	Gejiu Zili Mining And Metallurgy Co., Ltd.
Tin	Guang Xi Liu Xhou
Tin	Guang Xi Liu Zhou
Tin	Guangdong Hanhe Non-Ferrous Metal Co., Ltd.
Tin	GuangXi China Tin
Tin	Guangxi Hua Shu Dan CO., LTD.
Tin	HuiChang Hill Tin Industry Co., Ltd.
Tin	INDONESIAN STATE TIN CORPORATION MENTOK SME
Tin	Jiangxi Nanshan
Tin	Jiangxi New Nanshan Technology Ltd.
Tin	Kai Union Industry and Trade Co., Ltd. (China)
Tin	Kai Unita Trade Limited Liability Company
Tin	Kaimeng (Gejiu) Industry and Trade Co., Ltd.
Tin	Kundur Smelter
Tin	Liuzhou China Tin
Tin	Luna Smelter, Ltd.
Tin	Ma'anshan Weitai Tin Co., Ltd.
Tin	Magnu's Minerais Metais e Ligas Ltda.
Tin	Malaysia Smelting Corporation (MSC)
Tin	Melt Metais e Ligas S.A.
Tin	Mentok Smelter
Tin	Metallic Materials Branch of Guangxi China Tin Group
Tin	Metallic Resources, Inc.
Tin	Metallo Belgium N.V.
Tin	Metallo Spain S.L.U.
Tin	Mineracao Taboca S.A.

Tin	Mineração Taboca S.A.
Tin	Mineracao Taboca SA
Tin	Mining and processing tin-tungsten ore Giang Son - V
Tin	Minsur
Tin	Mitsubishi Materials Corporation
Tin	Modeltech Sdn Bhd
Tin	MSC
Tin	Nankang Nanshan Tin Manufactory Co., Ltd.
Tin	Nanshan Tin Co. Ltd.
Tin	Nghe Tinh Non-Ferrous Metals Joint Stock Company
Tin	Novosibirsk Processing Plant Ltd.
Tin	O.M. Manufacturing (Thailand) Co., Ltd.
Tin	O.M. Manufacturing Philippines, Inc.
Tin	OMSA
Tin	Operaciones Metalurgicas S.A.
Tin	Operaciones Metalúrgicas S.A.
Tin	Pongpipat Company Limited
Tin	Precious Minerals and Smelting Limited
Tin	PT Aries Kencana Sejahtera
Tin	PT Artha Cipta Langgeng
Tin	PT ATD Makmur Mandiri Jaya
Tin	PT Babel Surya Alam Lestari
Tin	PT Bangka Serumpun
Tin	PT Lautan Harmonis Sejahtera
Tin	PT Menara Cipta Mulia
Tin	PT Mitra Stania Prima
Tin	PT Mitra Sukses Globalindo
Tin	PT Prima Timah Utama
Tin	PT Rajawali Rimba Perkasa
Tin	PT Rajehan Ariq
Tin	PT Refined Bangka Tin
Tin	PT Stanindo Inti Perkasa
Tin	PT Tambang Timah
Tin	PT Timah Nusantara
Tin	PT Timah Tbk Kundur
Tin	PT Timah Tbk Mentok
Tin	PT Tinindo Inter Nusa
Tin	Resind Ind e Com Ltda.
Tin	Resind Industria e Comercio Ltda.
Tin	Resind Indústria e Comércio Ltda.
Tin	Rui Da Hung
Tin	Smelting Branch of Yunnan Tin Company Ltd
Tin	Soft Metais Ltda.
Tin	Super Ligas
Tin	Thai Nguyen Mining and Metallurgy Co., Ltd.
Tin	Thai Solder Industry Corp., Ltd.
Tin	Thailand Smelting & Refining Co Ltd
Tin	Thaisarco
Tin	The Gejiu cloud new colored electrolytic
Tin	Tin Products Manufacturing Co.LTD. of YTCL
Tin	Tin Technology & Refining
Tin	Toboca/ Paranapenema

Tin	Tuyen Quang Non-Ferrous Metals Joint Stock Compan
Tin	Unit Timah Kundur PT Tambang
Tin	VQB Mineral and Trading Group JSC
Tin	White Solder Metalurgia e Mineracao Ltda.
Tin	White Solder Metalurgia e Mineração Ltda.
Tin	White Solder Metalurgica
Tin	XiHai - Liuzhou China Tin Group Co ltd
Tin	YTCL
Tin	Yunan Gejiu Yunxin Electrolyze Limited
Tin	Yunnan Adventure Co., Ltd.
Tin	Yunnan Chengfeng
Tin	Yunnan Chengfeng Non-ferrous Metals Co., Ltd.
Tin	YunNan Gejiu Yunxin Electrolyze Limited
Tin	Yunnan Gejiu Zili Metallurgy Co. Ltd.
Tin	Yunnan ride non-ferrous metal co., LTD
Tin	Yunnan Tin Company Limited
Tin	Yunnan Tin Company, Ltd.
Tin	Yunnan wind Nonferrous Metals Co., Ltd.
Tin	Yunnan Xi YE
Tin	Yunnan Yunfan Non-ferrous Metals Co., Ltd.
Tin	Yuntinic Resources
Tin	YUNXIN colored electrolysis Company Limited
Tin	Smelter not listed
Tin	Smelter not yet identified
Tungsten	A.L.M.T. Corp.
Tungsten	A.L.M.T. TUNGSTEN Corp.
Tungsten	ACL Metais Eireli
Tungsten	Albasteel Industria e Comercio de Ligas Para Fundicac
Tungsten	Allied Material Corporation
Tungsten	ALMT Corp
Tungsten	ALMT Sumitomo Group
Tungsten	Artek LLC
Tungsten	Asia Tungsten Products Vietnam Ltd.
Tungsten	ATI Metalworking Products
Tungsten	ATI Tungsten Materials
Tungsten	Chaozhou Xianglu Tungsten Industry Co., Ltd.
Tungsten	Chenzhou Diamond Tungsten Products Co., Ltd.
Tungsten	China Molybdenum Co., Ltd.
Tungsten	China Molybdenum Tungsten Co., Ltd.
Tungsten	China MuYe Tungsten Co.,. Ltd.
Tungsten	China National Non Ferrous
Tungsten	Chongyi Zhangyuan Tungsten Co., Ltd.
Tungsten	CNMC (Guangxi) PGMA Co., Ltd.
Tungsten	Cronimet Brasil Ltda
Tungsten	Fujian Ganmin RareMetal Co., Ltd.
Tungsten	Fujian Xinlu Tungsten
Tungsten	Ganzhou Haichuang Tungsten Co., Ltd.
Tungsten	Ganzhou Huaxing Tungsten Products Co., Ltd.
Tungsten	Ganzhou Jiangwu Ferrotungsten Co., Ltd.
Tungsten	Ganzhou Seadragon W & Mo Co., Ltd.
Tungsten	GEM Co., Ltd.
Tungsten	Global Tungsten & Powders Corp.

Tungsten	GTP
Tungsten	Guangdong Xianglu Tungsten Co., Ltd.
Tungsten	H.C. Starck Smelting GmbH & Co. KG
Tungsten	H.C. Starck Tungsten GmbH
Tungsten	Han River Pelican State Alloy Co., Ltd.
Tungsten	Human Chun-Chang non-ferrous Smelting & Concentr
Tungsten	Hunan Chenzhou Mining Co., Ltd.
Tungsten	Hunan Chenzhou Mining Group Co., Ltd.
Tungsten	Hunan Chunchang Nonferrous Metals Co., Ltd.
Tungsten	Hunan Litian Tungsten Industry Co., Ltd.
Tungsten	Hydrometallurg, JSC
Tungsten	Japan New Metals Co., Ltd.
Tungsten	Jiangwu H.C. Starck Tungsten Products Co., Ltd.
Tungsten	Jiangxi Gan Bei Tungsten Co., Ltd.
Tungsten	Jiangxi Minmetals Gao'an Non-ferrous Metals Co., Ltd
Tungsten	Jiangxi Tonggu Non-ferrous Metallurgical & Chemical
Tungsten	Jiangxi Tungsten Co Ltd
Tungsten	Jiangxi Tungsten Industry Group Co. Ltd.
Tungsten	Jiangxi Xinsheng Tungsten Industry Co., Ltd.
Tungsten	Jiangxi Yaosheng Tungsten Co., Ltd.
Tungsten	JSC "Kirovgrad Hard Alloys Plant"
Tungsten	Kennametal Fallon
Tungsten	Kennametal Huntsville
Tungsten	KGETS Co., Ltd.
Tungsten	Lianyou Metals Co., Ltd.
Tungsten	Malipo Haiyu Tungsten Co., Ltd.
Tungsten	Masan High-Tech Materials
Tungsten	Masan Tungsten Chemical LLC (MTC)
Tungsten	Moliren Ltd.
Tungsten	Niagara Refining LLC
Tungsten	NPP Tyazhmetprom LLC
Tungsten	Nui Phao H.C. Starck Tungsten Chemicals Manufacturi
Tungsten	OOO "Technolom" 1
Tungsten	OOO "Technolom" 2
Tungsten	Philippine Chuangxin Industrial Co., Inc.
Tungsten	TANIOBIS Smelting GmbH & Co. KG
Tungsten	Unecha Refractory metals plant
Tungsten	WBH
Tungsten	WBH,Wolfram [Austria]
Tungsten	Wolfram Bergbau und Hutten AG
Tungsten	Wolfram Bergbau und Hütten AG
Tungsten	Woltech Korea Co., Ltd.
Tungsten	Xiamen H.C.
Tungsten	Xiamen Tungsten (H.C.) Co., Ltd.
Tungsten	Xiamen Tungsten Co., Ltd.
Tungsten	Xinfeng Huarui Tungsten & Molybdenum New Material
Tungsten	Zhangyuan Tungsten Co Ltd
Tungsten	洛阳栾川钼业集团钨业有限公司
Tungsten	Smelter not listed
Tungsten	Smelter not yet identified

information as of this templates release. This list is updated frequently, and the
s-assurance-process/exports/cmrt-export/. The presence of a smelter here is NC

e.org for the most current and accurate list of standard smelter names that are A

commonly recognized and reported by the supply chain for a particular smelter. T
idard Smelter Name, the reference names are helpful to identify the smelter, whi

ASCII character set. The majority of smelters will have the same entry for both (

Standard Smelter Names

8853 S.p.A.
Abington Reldan Metals, LLC
Advanced Chemical Company
African Gold Refinery
Western Australian Mint (T/a The Perth Mint)
Western Australian Mint (T/a The Perth Mint)
Aida Chemical Industries Co., Ltd.
Dowa
Al Etihad Gold Refinery DMCC
Al Etihad Gold Refinery DMCC
Alexy Metals
Allgemeine Gold-und Silberscheideanstalt A.G.
Almalyk Mining and Metallurgical Complex (AMMC)
Asahi Pretec Corp.
AngloGold Ashanti Corrego do Sitio Mineracao
AngloGold Ashanti Corrego do Sitio Mineracao
AngloGold Ashanti Corrego do Sitio Mineracao
Tongling Nonferrous Metals Group Co., Ltd.
Western Australian Mint (T/a The Perth Mint)
Western Australian Mint (T/a The Perth Mint)
Argor-Heraeus S.A.
Asahi Pretec Corp.
Asahi Refining Canada Ltd.
Asahi Refining USA Inc.
Asaka Riken Co., Ltd.
Atasay Kuyumculuk Sanayi Ve Ticaret A.S.
Atasay Kuyumculuk Sanayi Ve Ticaret A.S.
AU Traders and Refiners
Augmont Enterprises Private Limited
Aurubis AG
Bangalore Refinery
Bangalore Refinery
Bangalore Refinery
Bangko Sentral ng Pilipinas (Central Bank of the Philippines)
Boliden AB
C. Hafner GmbH + Co. KG

C.I Metales Procesados Industriales SAS
Caridad
CCR Refinery - Glencore Canada Corporation
CCR Refinery - Glencore Canada Corporation
Cendres + Metaux S.A.
Cendres + Metaux S.A.
Cendres + Metaux S.A.
Bangko Sentral ng Pilipinas (Central Bank of the Philippines)
CGR Metalloys Pvt Ltd.
Yunnan Copper Industry Co., Ltd.
CGR Metalloys Pvt Ltd.
Chimet S.p.A.
Zhongyuan Gold Smelter of Zhongjin Gold Corporation
Shandong Gold Smelting Co., Ltd.
Chugai Mining
Daye Non-Ferrous Metals Mining Ltd.
Degussa Sonne / Mond Goldhandel GmbH
Degussa Sonne / Mond Goldhandel GmbH
Dijllah Gold Refinery FZC
DSC (Do Sung Corporation)
DODUCO Contacts and Refining GmbH
DODUCO Contacts and Refining GmbH
DSC (Do Sung Corporation)
Dowa
Dowa
Dowa
Dowa
TSK Pretech
DSC (Do Sung Corporation)
Eco-System Recycling Co., Ltd. East Plant
Eco-System Recycling Co., Ltd. North Plant
Eco-System Recycling Co., Ltd. West Plant
JSC Ekaterinburg Non-Ferrous Metal Processing Plant
Emerald Jewel Industry India Limited (Unit 1)
Emerald Jewel Industry India Limited (Unit 2)
Emerald Jewel Industry India Limited (Unit 3)
Emerald Jewel Industry India Limited (Unit 4)
Emirates Gold DMCC
Moscow Special Alloys Processing Plant
Fidelity Printers and Refiners Ltd.
JSC Novosibirsk Refinery
Fujairah Gold FZC
Gold Refinery of Zijin Mining Group Co., Ltd.
GCC Gujrat Gold Centre Pvt. Ltd.
Geib Refining Corporation
Gold Coast Refinery
Shandong Gold Smelting Co., Ltd.
Gold Refinery of Zijin Mining Group Co., Ltd.
Great Wall Precious Metals Co., Ltd. of CBPM
Great Wall Precious Metals Co., Ltd. of CBPM
Guangdong Jinding Gold Limited
Guangdong Jinding Gold Limited

GCC Gujrat Gold Centre Pvt. Ltd.
Guoda Safina High-Tech Environmental Refinery Co., Ltd.
Hangzhou Fuchunjiang Smelting Co., Ltd.
LT Metal Ltd.
Heimerle + Meule GmbH
Zhongyuan Gold Smelter of Zhongjin Gold Corporation
Zhongyuan Gold Smelter of Zhongjin Gold Corporation
Zhongyuan Gold Smelter of Zhongjin Gold Corporation
Heraeus Germany GmbH Co. KG
Heraeus Metals Hong Kong Ltd.
Heraeus Metals Hong Kong Ltd.
Heraeus Germany GmbH Co. KG
Hunan Chenzhou Mining Co., Ltd.
Hunan Chenzhou Mining Co., Ltd.
Hunan Chenzhou Mining Co., Ltd.
Hunan Guiyang yinxing Nonferrous Smelting Co., Ltd.
Hunan Guiyang yinxing Nonferrous Smelting Co., Ltd.
HwaSeong CJ CO., LTD.
Industrial Refining Company
Inner Mongolia Qiankun Gold and Silver Refinery Share Co., Ltd.
International Precious Metal Refiners
Ishifuku Metal Industry Co., Ltd.
Istanbul Gold Refinery
Italpreziosi
JALAN & Company
Japan Mint
Jiangxi Copper Co., Ltd.
Jiangxi Copper Co., Ltd.
Asahi Refining Canada Ltd.
Asahi Refining USA Inc.
Asahi Refining USA Inc.
Asahi Refining Canada Ltd.
JSC Ekaterinburg Non-Ferrous Metal Processing Plant
JSC Novosibirsk Refinery
JSC Uralelectromed
JX Nippon Mining & Metals Co., Ltd.
K.A. Rasmussen
Kaloti Precious Metals
Kazakhmys Smelting LLC
Kazzinc
Kennecott Utah Copper LLC
KGHM Polska Miedz Spolka Akcyjna
KGHM Polska Miedz Spolka Akcyjna
KGHM Polska Miedz Spolka Akcyjna
Kojima Chemicals Co., Ltd.
Kojima Chemicals Co., Ltd.
KGHM Polska Miedz Spolka Akcyjna
Korea Zinc Co., Ltd.
Dowa
Kennecott Utah Copper LLC
Kundan Care Products Ltd.
Kyrgyzaltyn JSC

Kyshtym Copper-Electrolytic Plant ZAO
Caridad
Shandong Gold Smelting Co., Ltd.
L'azurde Company For Jewelry
Lingbao Gold Co., Ltd.
Lingbao Gold Co., Ltd.
Lingbao Jinyuan Tonghui Refinery Co., Ltd.
L'Orfebre S.A.
LS-NIKKO Copper Inc.
LT Metal Ltd.
Luoyang Zijin Yinhui Gold Refinery Co., Ltd.
Luoyang Zijin Yinhui Gold Refinery Co., Ltd.
Luoyang Zijin Yinhui Gold Refinery Co., Ltd.
Marsam Metals
Materion
Matsuda Sangyo Co., Ltd.
MD Overseas
Sumitomo Metal Mining Co., Ltd.
Metal Concentrators SA (Pty) Ltd.
Metalurgica Met-Mex Penoles S.A. De C.V.
Metallix Refining Inc.
Umicore S.A. Business Unit Precious Metals Refining
Metalor Technologies S.A.
Metalor Technologies (Hong Kong) Ltd.
Metalor Technologies (Singapore) Pte., Ltd.
Metalor Technologies (Suzhou) Ltd.
Metalor Technologies S.A.
Metalor USA Refining Corporation
Metalurgica Met-Mex Penoles S.A. De C.V.
Metalurgica Met-Mex Penoles S.A. De C.V.
Metalurgica Met-Mex Penoles S.A. De C.V.
Metalurgica Met-Mex Penoles S.A. De C.V.
Mitsubishi Materials Corporation
Mitsui Mining and Smelting Co., Ltd.
Mitsui Mining and Smelting Co., Ltd.
MMTC-PAMP India Pvt., Ltd.
Modeltech Sdn Bhd
Morris and Watson
Moscow Special Alloys Processing Plant
Nadir Metal Rafineri San. Ve Tic. A.S.
Nadir Metal Rafineri San. Ve Tic. A.S.
Navoi Mining and Metallurgical Combinat
NH Recytech Company
Nihon Material Co., Ltd.
Sumitomo Metal Mining Co., Ltd.
Aurubis AG
Ogussa Osterreichische Gold- und Silber-Scheideanstalt GmbH
Ogussa Osterreichische Gold- und Silber-Scheideanstalt GmbH
Ohura Precious Metal Industry Co., Ltd.
OJSC "The Gulidov Krasnoyarsk Non-Ferrous Metals Plant" (OJSC Krastsvetmet)
OJSC "The Gulidov Krasnoyarsk Non-Ferrous Metals Plant" (OJSC Krastsvetmet)
JSC Novosibirsk Refinery

PAMP S.A.
JX Nippon Mining & Metals Co., Ltd.
Pease & Curren
Penglai Penggang Gold Industry Co., Ltd.
Western Australian Mint (T/a The Perth Mint)
Western Australian Mint (T/a The Perth Mint)
Planta Recuperadora de Metales SpA
Prioksky Plant of Non-Ferrous Metals
PAMP S.A.
PT Aneka Tambang (Persero) Tbk
PX Precinox S.A.
PX Precinox S.A.
QG Refining, LLC
Rand Refinery (Pty) Ltd.
LS-NIKKO Copper Inc.
Refinery of Seemine Gold Co., Ltd.
REMONDIS PMR B.V.
REMONDIS PMR B.V.
Royal Canadian Mint
SAAMP
Sabin Metal Corp.
Safimet S.p.A
SAFINA A.S.
JX Nippon Mining & Metals Co., Ltd.
Sai Refinery
Samduck Precious Metals
Samduck Precious Metals
Samwon Metals Corp.
Sancus ZFS (L'Orfebre, SA)
SAXONIA Edelmetalle GmbH
Samduck Precious Metals
Sellem Industries Ltd.
SEMPSA Joyeria Plateria S.A.
SEMPSA Joyeria Plateria S.A.
SEMPSA Joyeria Plateria S.A.
Shandong Gold Smelting Co., Ltd.
Shandong Gold Smelting Co., Ltd.
Shandong Gold Smelting Co., Ltd.
Guoda Safina High-Tech Environmental Refinery Co., Ltd.
Shandong Gold Smelting Co., Ltd.
Shandong Humon Smelting Co., Ltd.
Shandong Gold Smelting Co., Ltd.
Shandong Tiancheng Biological Gold Industrial Co., Ltd.
Shandong Tiancheng Biological Gold Industrial Co., Ltd.
Shandong Zhaojin Gold & Silver Refinery Co., Ltd.
Shandong Gold Smelting Co., Ltd.
Shenzhen Zhonghenglong Real Industry Co., Ltd.
Shirpur Gold Refinery Ltd.
Tanaka Kikinzoku Kogyo K.K.
SOE Shyolkovsky Factory of Secondary Precious Metals
Sichuan Tianze Precious Metals Co., Ltd.
Tanaka Kikinzoku Kogyo K.K.

Singway Technology Co., Ltd.
Sumitomo Metal Mining Co., Ltd.
SOE Shyolkovsky Factory of Secondary Precious Metals
Solar Applied Materials Technology Corp.
Solar Applied Materials Technology Corp.
Solar Applied Materials Technology Corp.
Sovereign Metals
State Research Institute Center for Physical Sciences and Technology
Sudan Gold Refinery
Sumitomo Metal Mining Co., Ltd.
Sumitomo Metal Mining Co., Ltd.
SungEel HiMetal Co., Ltd.
SungEel HiMetal Co., Ltd.
T.C.A S.p.A
Mitsui Mining and Smelting Co., Ltd.
JX Nippon Mining & Metals Co., Ltd.
Tanaka Kikinzoku Kogyo K.K.
Tanaka Kikinzoku Kogyo K.K.
Tanaka Kikinzoku Kogyo K.K.
Tanaka Kikinzoku Kogyo K.K.
Tanaka Kikinzoku Kogyo K.K.
Tanaka Kikinzoku Kogyo K.K.
Tanaka Kikinzoku Kogyo K.K.
Tanaka Kikinzoku Kogyo K.K.
Great Wall Precious Metals Co., Ltd. of CBPM
Western Australian Mint (T/a The Perth Mint)
Shandong Gold Smelting Co., Ltd.
Tokuriki Honten Co., Ltd.
Tongling Nonferrous Metals Group Co., Ltd.
Tongling Nonferrous Metals Group Co., Ltd.
Industrial Refining Company
TOO Tau-Ken-Altyn
Torecom
Sumitomo Metal Mining Co., Ltd.
TSK Pretech
Umicore S.A. Business Unit Precious Metals Refining
Umicore Precious Metals Thailand
Umicore S.A. Business Unit Precious Metals Refining
United Precious Metal Refining, Inc.
Valcambi S.A.
Value Trading
WEEEREFINING
Western Australian Mint (T/a The Perth Mint)
WIELAND Edelmetalle GmbH
Materion
CCR Refinery - Glencore Canada Corporation
Yamakin Co., Ltd.
Yamakin Co., Ltd.
Yamakin Co., Ltd.
Yamakin Co., Ltd.
Guoda Safina High-Tech Environmental Refinery Co., Ltd.
Yokohama Metal Co., Ltd.

Yunnan Copper Industry Co., Ltd.
Shandong Zhaojin Gold & Silver Refinery Co., Ltd.
Shandong Zhaojin Gold & Silver Refinery Co., Ltd.
Shandong Zhaojin Gold & Silver Refinery Co., Ltd.
Shandong Zhaojin Gold & Silver Refinery Co., Ltd.
Shandong Zhaojin Gold & Silver Refinery Co., Ltd.
Shandong Zhaojin Gold & Silver Refinery Co., Ltd.
Shandong Zhaojin Gold & Silver Refinery Co., Ltd.
Zhongyuan Gold Smelter of Zhongjin Gold Corporation
Zhongyuan Gold Smelter of Zhongjin Gold Corporation
Gold Refinery of Zijin Mining Group Co., Ltd.
Gold Refinery of Zijin Mining Group Co., Ltd.

Unknown

Asaka Riken Co., Ltd.
Changsha South Tantalum Niobium Co., Ltd.
Changsha South Tantalum Niobium Co., Ltd.
D Block Metals, LLC
Exotech Inc.
F&X Electro-Materials Ltd.
F&X Electro-Materials Ltd.
FIR Metals & Resource Ltd.
Global Advanced Metals Aizu
Global Advanced Metals Boyertown
XIMEI RESOURCES (GUANGDONG) LIMITED
TANIOBIS Co., Ltd.
H.C. Starck Hermsdorf GmbH
H.C. Starck Inc.
TANIOBIS Japan Co., Ltd.
TANIOBIS Smelting GmbH & Co. KG
TANIOBIS GmbH
Hengyang King Xing Lifeng New Materials Co., Ltd.
Jiangxi Dinghai Tantalum & Niobium Co., Ltd.
Jiangxi Tuohong New Raw Material
JiuJiang JinXin Nonferrous Metals Co., Ltd.
Jiujiang Tanbre Co., Ltd.
Jiujiang Tanbre Co., Ltd.
Jiujiang Zhonggao Tantalum & Niobium Co., Ltd.
KEMET de Mexico
KEMET de Mexico
LSM Brasil S.A.
Meta Materials
Metallurgical Products India Pvt., Ltd.
Metallurgical Products India Pvt., Ltd.
Mineracao Taboca S.A.
Mineracao Taboca S.A.
Mineracao Taboca S.A.
Mitsui Mining and Smelting Co., Ltd.
Mitsui Mining and Smelting Co., Ltd.
NPM Silmet AS
Ningxia Orient Tantalum Industry Co., Ltd.
Ningxia Orient Tantalum Industry Co., Ltd.

NPM Silmet AS
Meta Materials
Meta Materials
Meta Materials
QuantumClean
Resind Industria e Comercio Ltda.
Resind Industria e Comercio Ltda.
Resind Industria e Comercio Ltda.
Yanling Jincheng Tantalum & Niobium Co., Ltd.
Yanling Jincheng Tantalum & Niobium Co., Ltd.
Solikamsk Magnesium Works OAO
Solikamsk Magnesium Works OAO
Solikamsk Magnesium Works OAO
Taki Chemical Co., Ltd.
Taki Chemical Co., Ltd.
TANIOBIS Co., Ltd.
TANIOBIS GmbH
TANIOBIS Japan Co., Ltd.
TANIOBIS Smelting GmbH & Co. KG
Telex Metals
Ulba Metallurgical Plant JSC
Ulba Metallurgical Plant JSC
XIMEI RESOURCES (GUANGDONG) LIMITED
XinXing HaoRong Electronic Material Co., Ltd.
Yancheng Jinye New Material Technology Co., Ltd.
Yanling Jincheng Tantalum & Niobium Co., Ltd.
Yanling Jincheng Tantalum & Niobium Co., Ltd.
TANIOBIS Japan Co., Ltd.

Unknown
Alpha
Alpha
Alpha
Alpha
Alpha
An Vinh Joint Stock Mineral Processing Company
PT Refined Bangka Tin
Yunnan Chengfeng Non-ferrous Metals Co., Ltd.
Chenzhou Yunxiang Mining and Metallurgy Co., Ltd.
Chenzhou Yunxiang Mining and Metallurgy Co., Ltd.
Chifeng Dajingzi Tin Industry Co., Ltd.
China Tin Group Co., Ltd.
China Tin Group Co., Ltd.
China Tin Group Co., Ltd.
Yunnan Tin Company Limited
Alpha
Alpha
Alpha
CRM Fundicao De Metais E Comercio De Equipamentos Eletronicos Do Brasil Ltda
CRM Fundicao De Metais E Comercio De Equipamentos Eletronicos Do Brasil Ltda
CRM Synergies
CV Ayi Jaya

PT Aries Kencana Sejahtera
PT Rajehan Ariq
CV Venus Inti Perkasa
Dongguan CiEXPO Environmental Engineering Co., Ltd.
Dowa
Dowa
Electro-Mechanical Facility of the Cao Bang Minerals & Metallurgy Joint Stock Co
EM Vinto
EM Vinto
EM Vinto
EM Vinto
Estanho de Rondonia S.A.
Estanho de Rondonia S.A.
Fabrica Auricchio Industria e Comercio Ltda.
Fabrica Auricchio Industria e Comercio Ltda.
Fabrica Auricchio Industria e Comercio Ltda.
Fenix Metals
Minsur
Yunnan Chengfeng Non-ferrous Metals Co., Ltd.
Gejiu City Fuxiang Industry and Trade Co., Ltd.
Gejiu Fengming Metallurgy Chemical Plant
Gejiu City Fuxiang Industry and Trade Co., Ltd.
Gejiu Kai Meng Industry and Trade LLC
Gejiu Non-Ferrous Metal Processing Co., Ltd.
Gejiu Yunxin Nonferrous Electrolysis Co., Ltd.
Gejiu Zili Mining And Metallurgy Co., Ltd.
Gejiu Zili Mining And Metallurgy Co., Ltd.
China Tin Group Co., Ltd.
China Tin Group Co., Ltd.
Guangdong Hanhe Non-Ferrous Metal Co., Ltd.
China Tin Group Co., Ltd.
China Tin Group Co., Ltd.
HuiChang Hill Tin Industry Co., Ltd.
PT Timah Tbk Mentok
Jiangxi New Nanshan Technology Ltd.
Jiangxi New Nanshan Technology Ltd.
Gejiu Kai Meng Industry and Trade LLC
Gejiu Kai Meng Industry and Trade LLC
Gejiu Kai Meng Industry and Trade LLC
PT Timah Tbk Kundur
China Tin Group Co., Ltd.
Luna Smelter, Ltd.
Ma'anshan Weitai Tin Co., Ltd.
Magnu's Minerais Metais e Ligas Ltda.
Malaysia Smelting Corporation (MSC)
Melt Metais e Ligas S.A.
PT Timah Tbk Mentok
China Tin Group Co., Ltd.
Metallic Resources, Inc.
Metallo Belgium N.V.
Metallo Spain S.L.U.
Mineracao Taboca S.A.

Mineracao Taboca S.A.
Mineracao Taboca S.A.
VQB Mineral and Trading Group JSC
Minsur
Mitsubishi Materials Corporation
Modeltech Sdn Bhd
Malaysia Smelting Corporation (MSC)
Jiangxi New Nanshan Technology Ltd.
Jiangxi New Nanshan Technology Ltd.
Nghe Tinh Non-Ferrous Metals Joint Stock Company
Novosibirsk Processing Plant Ltd.
O.M. Manufacturing (Thailand) Co., Ltd.
O.M. Manufacturing Philippines, Inc.
Operaciones Metalurgicas S.A.
Operaciones Metalurgicas S.A.
Operaciones Metalurgicas S.A.
Pongpipat Company Limited
Precious Minerals and Smelting Limited
PT Aries Kencana Sejahtera
PT Artha Cipta Langgeng
PT ATD Makmur Mandiri Jaya
PT Babel Surya Alam Lestari
PT Bangka Serumpun
PT Lautan Harmonis Sejahtera
PT Menara Cipta Mulia
PT Mitra Stania Prima
PT Mitra Sukses Globalindo
PT Prima Timah Utama
PT Rajawali Rimba Perkasa
PT Rajehan Ariq
PT Refined Bangka Tin
PT Stanindo Inti Perkasa
PT Timah Tbk Kundur
PT Timah Nusantara
PT Timah Tbk Kundur
PT Timah Tbk Mentok
PT Tinindo Inter Nusa
Resind Industria e Comercio Ltda.
Resind Industria e Comercio Ltda.
Resind Industria e Comercio Ltda.
Rui Da Hung
Yunnan Tin Company Limited
Soft Metais Ltda.
Super Ligas
Thai Nguyen Mining and Metallurgy Co., Ltd.
Thaisarco
Thaisarco
Thaisarco
Gejiu Yunxin Nonferrous Electrolysis Co., Ltd.
Yunnan Tin Company Limited
Tin Technology & Refining
Mineracao Taboca S.A.

Tuyen Quang Non-Ferrous Metals Joint Stock Company
PT Timah Tbk Kundur
VQB Mineral and Trading Group JSC
White Solder Metalurgia e Mineracao Ltda.
White Solder Metalurgia e Mineracao Ltda.
White Solder Metalurgia e Mineracao Ltda.
China Tin Group Co., Ltd.
Yunnan Tin Company Limited
Gejiu Yunxin Nonferrous Electrolysis Co., Ltd.
Yunnan Chengfeng Non-ferrous Metals Co., Ltd.
Yunnan Chengfeng Non-ferrous Metals Co., Ltd.
Yunnan Chengfeng Non-ferrous Metals Co., Ltd.
Gejiu Yunxin Nonferrous Electrolysis Co., Ltd.
Gejiu Zili Mining And Metallurgy Co., Ltd.
Yunnan Chengfeng Non-ferrous Metals Co., Ltd.
Yunnan Tin Company Limited
Yunnan Tin Company Limited
Yunnan Chengfeng Non-ferrous Metals Co., Ltd.
Yunnan Tin Company Limited
Yunnan Yunfan Non-ferrous Metals Co., Ltd.
Yunnan Tin Company Limited
Gejiu Yunxin Nonferrous Electrolysis Co., Ltd.

Unknown
A.L.M.T. Corp.
A.L.M.T. Corp.
ACL Metais Eireli
Albasteel Industria e Comercio de Ligas Para Fundicao Ltd.
A.L.M.T. Corp.
A.L.M.T. Corp.
A.L.M.T. Corp.
Artek LLC
Asia Tungsten Products Vietnam Ltd.
Kennametal Huntsville
Kennametal Huntsville
Guangdong Xianglu Tungsten Co., Ltd.
Chenzhou Diamond Tungsten Products Co., Ltd.
China Molybdenum Tungsten Co., Ltd.
China Molybdenum Tungsten Co., Ltd.
China Molybdenum Tungsten Co., Ltd.
Ganzhou Huaxing Tungsten Products Co., Ltd.
Chongyi Zhangyuan Tungsten Co., Ltd.
CNMC (Guangxi) PGMA Co., Ltd.
Cronimet Brasil Ltda
Fujian Ganmin RareMetal Co., Ltd.
Fujian Xinlu Tungsten
Ganzhou Haichuang Tungsten Co., Ltd.
Ganzhou Huaxing Tungsten Products Co., Ltd.
Ganzhou Jiangwu Ferrotungsten Co., Ltd.
Ganzhou Seadragon W & Mo Co., Ltd.
GEM Co., Ltd.
Global Tungsten & Powders Corp.

Global Tungsten & Powders Corp.
 Guangdong Xianglu Tungsten Co., Ltd.
 TANIOBIS Smelting GmbH & Co. KG
 H.C. Starck Tungsten GmbH
 Ganzhou Jiangwu Ferrotungsten Co., Ltd.
 Hunan Chunchang Nonferrous Metals Co., Ltd.
 Hunan Chenzhou Mining Co., Ltd.
 Hunan Chenzhou Mining Co., Ltd.
 Hunan Chunchang Nonferrous Metals Co., Ltd.
 Hunan Litian Tungsten Industry Co., Ltd.
 Hydrometallurg, JSC
 Japan New Metals Co., Ltd.
 Jiangwu H.C. Starck Tungsten Products Co., Ltd.
 Jiangxi Gan Bei Tungsten Co., Ltd.
 Jiangxi Minmetals Gao'an Non-ferrous Metals Co., Ltd.
 Jiangxi Tonggu Non-ferrous Metallurgical & Chemical Co., Ltd.
 Ganzhou Huaxing Tungsten Products Co., Ltd.
 Ganzhou Huaxing Tungsten Products Co., Ltd.
 Jiangxi Xinsheng Tungsten Industry Co., Ltd.
 Jiangxi Yaosheng Tungsten Co., Ltd.
 JSC "Kirovgrad Hard Alloys Plant"
 Kennametal Fallon
 Kennametal Huntsville
 KGETS Co., Ltd.
 Lianyou Metals Co., Ltd.
 Malipo Haiyu Tungsten Co., Ltd.
 Masan High-Tech Materials
 Masan High-Tech Materials
 Moliren Ltd.
 Niagara Refining LLC
 NPP Tyazhmetprom LLC
 Masan High-Tech Materials
 OOO "Technolom" 1
 OOO "Technolom" 2
 Philippine Chuangxin Industrial Co., Inc.
 TANIOBIS Smelting GmbH & Co. KG
 Unecha Refractory metals plant
 Wolfram Bergbau und Hutten AG
 Wolfram Bergbau und Hutten AG
 Wolfram Bergbau und Hutten AG
 Wolfram Bergbau und Hutten AG
 Woltech Korea Co., Ltd.
 Xiamen Tungsten (H.C.) Co., Ltd.
 Xiamen Tungsten (H.C.) Co., Ltd.
 Xiamen Tungsten Co., Ltd.
 Xinfeng Huarui Tungsten & Molybdenum New Material Co., Ltd.
 Chongyi Zhangyuan Tungsten Co., Ltd.
 China Molybdenum Tungsten Co., Ltd.

Unknown

most up-to-date version can be found on the RMI website
 JT a guarantee that it is currently Active or Conformant within the Responsible

Active or Conformant.

These names may include former company names, alternate names, abbreviations,
 which is listed under column C in the Smelter Look-up.

columns, however if the common name varies from the standard name, the

Smelter Facility Location:	Smelter ID	Source of	Smelter Street
ITALY	CID002763	RMI	
UNITED STATES OF AMERICA	CID002708	RMI	
UNITED STATES OF AMERICA	CID000015	RMI	
UGANDA	CID003185	RMI	
AUSTRALIA	CID002030	RMI	
AUSTRALIA	CID002030	RMI	
JAPAN	CID000019	RMI	
JAPAN	CID000401	RMI	
UNITED ARAB EMIRATES	CID002560	RMI	
UNITED ARAB EMIRATES	CID002560	RMI	
UNITED STATES OF AMERICA	CID003500	RMI	
GERMANY	CID000035	RMI	
UZBEKISTAN	CID000041	RMI	
JAPAN	CID000082	RMI	
BRAZIL	CID000058	RMI	
BRAZIL	CID000058	RMI	
BRAZIL	CID000058	RMI	
CHINA	CID001947	RMI	
AUSTRALIA	CID002030	RMI	
AUSTRALIA	CID002030	RMI	
SWITZERLAND	CID000077	RMI	
JAPAN	CID000082	RMI	
CANADA	CID000924	RMI	
UNITED STATES OF AMERICA	CID000920	RMI	
JAPAN	CID000090	RMI	
TURKEY	CID000103	RMI	
TURKEY	CID000103	RMI	
SOUTH AFRICA	CID002850	RMI	
INDIA	CID003461	RMI	
GERMANY	CID000113	RMI	
INDIA	CID002863	RMI	
INDIA	CID002863	RMI	
INDIA	CID002863	RMI	
PHILIPPINES	CID000128	RMI	
SWEDEN	CID000157	RMI	
GERMANY	CID000176	RMI	

COLOMBIA	CID003421	RMI
MEXICO	CID000180	RMI
CANADA	CID000185	RMI
CANADA	CID000185	RMI
SWITZERLAND	CID000189	RMI
SWITZERLAND	CID000189	RMI
SWITZERLAND	CID000189	RMI
PHILIPPINES	CID000128	RMI
INDIA	CID003382	RMI
CHINA	CID000197	RMI
INDIA	CID003382	RMI
ITALY	CID000233	RMI
CHINA	CID002224	RMI
CHINA	CID001916	RMI
JAPAN	CID000264	RMI
CHINA	CID000343	RMI
GERMANY	CID002867	RMI
GERMANY	CID002867	RMI
UNITED ARAB EMIRATES	CID003348	RMI
KOREA, REPUBLIC OF	CID000359	RMI
GERMANY	CID000362	RMI
GERMANY	CID000362	RMI
KOREA, REPUBLIC OF	CID000359	RMI
JAPAN	CID000401	RMI
JAPAN	CID000401	RMI
JAPAN	CID000401	RMI
JAPAN	CID000401	RMI
KOREA, REPUBLIC OF	CID003195	RMI
KOREA, REPUBLIC OF	CID000359	RMI
JAPAN	CID000425	RMI
JAPAN	CID003424	RMI
JAPAN	CID003425	RMI
RUSSIAN FEDERATION	CID000927	RMI
INDIA	CID003487	RMI
INDIA	CID003488	RMI
INDIA	CID003489	RMI
INDIA	CID003490	RMI
UNITED ARAB EMIRATES	CID002561	RMI
RUSSIAN FEDERATION	CID001204	RMI
ZIMBABWE	CID002515	RMI
RUSSIAN FEDERATION	CID000493	RMI
UNITED ARAB EMIRATES	CID002584	RMI
CHINA	CID002243	RMI
INDIA	CID002852	RMI
UNITED STATES OF AMERICA	CID002459	RMI
GHANA	CID003186	RMI
CHINA	CID001916	RMI
CHINA	CID002243	RMI
CHINA	CID001909	RMI
CHINA	CID001909	RMI
CHINA	CID002312	RMI
CHINA	CID002312	RMI

INDIA	CID002852	RMI
CHINA	CID000651	RMI
CHINA	CID000671	RMI
KOREA, REPUBLIC OF	CID000689	RMI
GERMANY	CID000694	RMI
CHINA	CID002224	RMI
CHINA	CID002224	RMI
CHINA	CID002224	RMI
GERMANY	CID000711	RMI
CHINA	CID000707	RMI
CHINA	CID000707	RMI
GERMANY	CID000711	RMI
CHINA	CID000767	RMI
CHINA	CID000767	RMI
CHINA	CID000767	RMI
CHINA	CID000773	RMI
CHINA	CID000773	RMI
KOREA, REPUBLIC OF	CID000778	RMI
BELGIUM	CID002587	RMI
CHINA	CID000801	RMI
UNITED ARAB EMIRATES	CID002562	RMI
JAPAN	CID000807	RMI
TURKEY	CID000814	RMI
ITALY	CID002765	RMI
INDIA	CID002893	RMI
JAPAN	CID000823	RMI
CHINA	CID000855	RMI
CHINA	CID000855	RMI
CANADA	CID000924	RMI
UNITED STATES OF AMERICA	CID000920	RMI
UNITED STATES OF AMERICA	CID000920	RMI
CANADA	CID000924	RMI
RUSSIAN FEDERATION	CID000927	RMI
RUSSIAN FEDERATION	CID000493	RMI
RUSSIAN FEDERATION	CID000929	RMI
JAPAN	CID000937	RMI
NORWAY	CID003497	RMI
UNITED ARAB EMIRATES	CID002563	RMI
KAZAKHSTAN	CID000956	RMI
KAZAKHSTAN	CID000957	RMI
UNITED STATES OF AMERICA	CID000969	RMI
POLAND	CID002511	RMI
POLAND	CID002511	RMI
POLAND	CID002511	RMI
JAPAN	CID000981	RMI
JAPAN	CID000981	RMI
POLAND	CID002511	RMI
KOREA, REPUBLIC OF	CID002605	RMI
JAPAN	CID000401	RMI
UNITED STATES OF AMERICA	CID000969	RMI
INDIA	CID003463	RMI
KYRGYZSTAN	CID001029	RMI

RUSSIAN FEDERATION	CID002865	RMI
MEXICO	CID000180	RMI
CHINA	CID001916	RMI
SAUDI ARABIA	CID001032	RMI
CHINA	CID001056	RMI
CHINA	CID001056	RMI
CHINA	CID001058	RMI
ANDORRA	CID002762	RMI
KOREA, REPUBLIC OF	CID001078	RMI
KOREA, REPUBLIC OF	CID000689	RMI
CHINA	CID001093	RMI
CHINA	CID001093	RMI
CHINA	CID001093	RMI
BRAZIL	CID002606	RMI
UNITED STATES OF AMERICA	CID001113	RMI
JAPAN	CID001119	RMI
INDIA	CID003548	RMI
JAPAN	CID001798	RMI
SOUTH AFRICA	CID003575	RMI
MEXICO	CID001161	RMI
UNITED STATES OF AMERICA	CID003557	RMI
BELGIUM	CID001980	RMI
SWITZERLAND	CID001153	RMI
CHINA	CID001149	RMI
SINGAPORE	CID001152	RMI
CHINA	CID001147	RMI
SWITZERLAND	CID001153	RMI
UNITED STATES OF AMERICA	CID001157	RMI
MEXICO	CID001161	RMI
MEXICO	CID001161	RMI
MEXICO	CID001161	RMI
MEXICO	CID001161	RMI
JAPAN	CID001188	RMI
JAPAN	CID001193	RMI
JAPAN	CID001193	RMI
INDIA	CID002509	RMI
MALAYSIA	CID002857	RMI
NEW ZEALAND	CID002282	RMI
RUSSIAN FEDERATION	CID001204	RMI
TURKEY	CID001220	RMI
TURKEY	CID001220	RMI
UZBEKISTAN	CID001236	RMI
KOREA, REPUBLIC OF	CID003189	RMI
JAPAN	CID001259	RMI
JAPAN	CID001798	RMI
GERMANY	CID000113	RMI
AUSTRIA	CID002779	RMI
AUSTRIA	CID002779	RMI
JAPAN	CID001325	RMI
RUSSIAN FEDERATION	CID001326	RMI
RUSSIAN FEDERATION	CID001326	RMI
RUSSIAN FEDERATION	CID000493	RMI

SWITZERLAND	CID001352	RMI
JAPAN	CID000937	RMI
UNITED STATES OF AMERICA	CID002872	RMI
CHINA	CID001362	RMI
AUSTRALIA	CID002030	RMI
AUSTRALIA	CID002030	RMI
CHILE	CID002919	RMI
RUSSIAN FEDERATION	CID001386	RMI
SWITZERLAND	CID001352	RMI
INDONESIA	CID001397	RMI
SWITZERLAND	CID001498	RMI
SWITZERLAND	CID001498	RMI
UNITED STATES OF AMERICA	CID003324	RMI
SOUTH AFRICA	CID001512	RMI
KOREA, REPUBLIC OF	CID001078	RMI
CHINA	CID000522	RMI
NETHERLANDS	CID002582	RMI
NETHERLANDS	CID002582	RMI
CANADA	CID001534	RMI
FRANCE	CID002761	RMI
UNITED STATES OF AMERICA	CID001546	RMI
ITALY	CID002973	RMI
CZECHIA	CID002290	RMI
JAPAN	CID000937	RMI
INDIA	CID002853	RMI
KOREA, REPUBLIC OF	CID001555	RMI
KOREA, REPUBLIC OF	CID001555	RMI
KOREA, REPUBLIC OF	CID001562	RMI
COLOMBIA	CID003529	RMI
GERMANY	CID002777	RMI
KOREA, REPUBLIC OF	CID001555	RMI
MAURITANIA	CID003540	RMI
SPAIN	CID001585	RMI
SPAIN	CID001585	RMI
SPAIN	CID001585	RMI
CHINA	CID001916	RMI
CHINA	CID001916	RMI
CHINA	CID001916	RMI
CHINA	CID000651	RMI
CHINA	CID001916	RMI
CHINA	CID002525	RMI
CHINA	CID001916	RMI
CHINA	CID001619	RMI
CHINA	CID001619	RMI
CHINA	CID001622	RMI
CHINA	CID001916	RMI
CHINA	CID002527	RMI
INDIA	CID002588	RMI
JAPAN	CID001875	RMI
RUSSIAN FEDERATION	CID001756	RMI
CHINA	CID001736	RMI
JAPAN	CID001875	RMI

TAIWAN, PROVINCE OF CHINA	CID002516	RMI
JAPAN	CID001798	RMI
RUSSIAN FEDERATION	CID001756	RMI
TAIWAN, PROVINCE OF CHINA	CID001761	RMI
TAIWAN, PROVINCE OF CHINA	CID001761	RMI
TAIWAN, PROVINCE OF CHINA	CID001761	RMI
INDIA	CID003383	RMI
LITHUANIA	CID003153	RMI
SUDAN	CID002567	RMI
JAPAN	CID001798	RMI
JAPAN	CID001798	RMI
KOREA, REPUBLIC OF	CID002918	RMI
KOREA, REPUBLIC OF	CID002918	RMI
ITALY	CID002580	RMI
JAPAN	CID001193	RMI
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CHINA	CID001909	RMI
AUSTRALIA	CID002030	RMI
CHINA	CID001916	RMI
JAPAN	CID001938	RMI
CHINA	CID001947	RMI
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BELGIUM	CID002587	RMI
KAZAKHSTAN	CID002615	RMI
KOREA, REPUBLIC OF	CID001955	RMI
JAPAN	CID001798	RMI
KOREA, REPUBLIC OF	CID003195	RMI
BELGIUM	CID001980	RMI
THAILAND	CID002314	RMI
BELGIUM	CID001980	RMI
UNITED STATES OF AMERICA	CID001993	RMI
SWITZERLAND	CID002003	RMI
BELGIUM	CID003617	RMI
FRANCE	CID003615	RMI
AUSTRALIA	CID002030	RMI
GERMANY	CID002778	RMI
UNITED STATES OF AMERICA	CID001113	RMI
CANADA	CID000185	RMI
JAPAN	CID002100	RMI
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CHINA	CID000651	RMI
JAPAN	CID002129	RMI

CHINA	CID000197	RMI
CHINA	CID001622	RMI
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UNITED STATES OF AMERICA	CID000456	RMI
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CHINA	CID002505	RMI
JAPAN	CID002558	RMI
UNITED STATES OF AMERICA	CID002557	RMI
CHINA	CID000616	RMI
THAILAND	CID002544	RMI
GERMANY	CID002547	RMI
UNITED STATES OF AMERICA	CID002548	RMI
JAPAN	CID002549	RMI
GERMANY	CID002550	RMI
GERMANY	CID002545	RMI
CHINA	CID002492	RMI
CHINA	CID002512	RMI
CHINA	CID002842	RMI
CHINA	CID000914	RMI
CHINA	CID000917	RMI
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CHINA	CID002506	RMI
MEXICO	CID002539	RMI
MEXICO	CID002539	RMI
BRAZIL	CID001076	RMI
NORTH MACEDONIA, REPUBLIC	CID002847	RMI
INDIA	CID001163	RMI
INDIA	CID001163	RMI
BRAZIL	CID001175	RMI
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CHINA	CID001277	RMI
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ESTONIA	CID001200	RMI
NORTH MACEDONIA, REPUBLIC	CID002847	RMI
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UNITED STATES OF AMERICA	CID001508	RMI
BRAZIL	CID002707	RMI
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CHINA	CID001522	RMI
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RUSSIAN FEDERATION	CID001769	RMI
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JAPAN	CID001869	RMI
JAPAN	CID001869	RMI
THAILAND	CID002544	RMI
GERMANY	CID002545	RMI
JAPAN	CID002549	RMI
GERMANY	CID002550	RMI
UNITED STATES OF AMERICA	CID001891	RMI
KAZAKHSTAN	CID001969	RMI
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VIET NAM	CID002703	RMI
INDONESIA	CID001460	RMI
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BRAZIL	CID003486	RMI
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SPAIN	CID003524	RMI
INDONESIA	CID002570	RMI

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CHINA	CID003356	RMI
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VIET NAM	CID002572	RMI
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POLAND	CID000468	RMI
PERU	CID001182	RMI
CHINA	CID002158	RMI
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INDONESIA	CID001482	RMI
CHINA	CID001231	RMI
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CHINA	CID000942	RMI
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CHINA	CID000942	RMI
INDONESIA	CID001477	RMI
CHINA	CID001070	RMI
RWANDA	CID003387	RMI
CHINA	CID003379	RMI
BRAZIL	CID002468	RMI
MALAYSIA	CID001105	RMI
BRAZIL	CID002500	RMI
INDONESIA	CID001482	RMI
CHINA	CID001070	RMI
UNITED STATES OF AMERICA	CID001142	RMI
BELGIUM	CID002773	RMI
SPAIN	CID002774	RMI
BRAZIL	CID001173	RMI

BRAZIL	CID001173	RMI
BRAZIL	CID001173	RMI
VIET NAM	CID002015	RMI
PERU	CID001182	RMI
JAPAN	CID001191	RMI
MALAYSIA	CID002858	RMI
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CHINA	CID001231	RMI
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VIET NAM	CID002573	RMI
RUSSIAN FEDERATION	CID001305	RMI
THAILAND	CID001314	RMI
PHILIPPINES	CID002517	RMI
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MYANMAR	CID003208	RMI
INDIA	CID003409	RMI
INDONESIA	CID000309	RMI
INDONESIA	CID001399	RMI
INDONESIA	CID002503	RMI
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TAIWAN, PROVINCE OF CHINA	CID001539	RMI
CHINA	CID002180	RMI
BRAZIL	CID001758	RMI
BRAZIL	CID002756	RMI
VIET NAM	CID002834	RMI
THAILAND	CID001898	RMI
THAILAND	CID001898	RMI
THAILAND	CID001898	RMI
CHINA	CID001908	RMI
CHINA	CID002180	RMI
UNITED STATES OF AMERICA	CID003325	RMI
BRAZIL	CID001173	RMI

VIET NAM	CID002574	RMI
INDONESIA	CID001477	RMI
VIET NAM	CID002015	RMI
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CHINA	CID002180	RMI
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BRAZIL	CID003427	RMI
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VIET NAM	CID002502	RMI
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CHINA	CID002513	RMI
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CHINA	CID000875	RMI
CHINA	CID002315	RMI
CHINA	CID002494	RMI
CHINA	CID003417	RMI
UNITED STATES OF AMERICA	CID000568	RMI

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CHINA	CID000218	RMI
GERMANY	CID002542	RMI
GERMANY	CID002541	RMI
CHINA	CID002315	RMI
CHINA	CID000769	RMI
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CHINA	CID002316	RMI
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UNITED STATES OF AMERICA	CID000105	RMI
KOREA, REPUBLIC OF	CID003388	RMI
TAIWAN, PROVINCE OF CHINA	CID003407	RMI
CHINA	CID002319	RMI
VIET NAM	CID002543	RMI
VIET NAM	CID002543	RMI
RUSSIAN FEDERATION	CID002845	RMI
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RUSSIAN FEDERATION	CID003614	RMI
RUSSIAN FEDERATION	CID003612	RMI
PHILIPPINES	CID002827	RMI
GERMANY	CID002542	RMI
RUSSIAN FEDERATION	CID002724	RMI
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KOREA, REPUBLIC OF	CID002843	RMI
CHINA	CID002320	RMI
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CHINA	CID002082	RMI
CHINA	CID002830	RMI
CHINA	CID000258	RMI
CHINA	CID002641	RMI

Unknown

Smelter City	Smelter Facility Location:
Pero	Lombardia
Fairless Hills	Pennsylvania
Warwick	Rhode Island
Entebbe	Wakiso
Newburn	Western Australia
Newburn	Western Australia
Fuchu	Tokyo
Kosaka	Akita
Dubai	Dubayy
Dubai	Dubayy
Mentor	Ohio
Pforzheim	Baden-Württemberg
Almalyk	Toshkent
Kobe	Hyogo
Nova Lima	Minas Gerais
Nova Lima	Minas Gerais
Nova Lima	Minas Gerais
Tongling	Anhui Sheng
Newburn	Western Australia
Newburn	Western Australia
Mendrisio	Ticino
Kobe	Hyogo
Brampton	Ontario
Salt Lake City	Utah
Tamura	Fukushima
Istanbul	İstanbul
Istanbul	İstanbul
Johannesburg	Gauteng
Mumbai	Maharashtra
Hamburg	Hamburg
Bangalore	Karnataka
Bangalore	Karnataka
Bangalore	Karnataka
Quezon City	Rizal
Skelleftehamn	Västerbottens län [SE-24]
Pforzheim	Baden-Württemberg

Cota	Cundinamarca
Nacozari	Sonora
Montréal	Quebec
Montréal	Quebec
Biel-Bienne	Bern
Biel-Bienne	Bern
Biel-Bienne	Bern
Quezon City	Rizal
Cochin	Kerala
Kunming	Yunnan Sheng
Cochin	Kerala
Arezzo	Toscana
Sanmenxia	Henan Sheng
Laizhou	Shandong Sheng
Chiyoda	Tokyo
Huangshi	Hubei Sheng
Pforzheim	Baden-Württemberg
Pforzheim	Baden-Württemberg
Sharjah	Ash Shāriqah
Gimpo	Gyeonggi-do
Pforzheim	Baden-Württemberg
Pforzheim	Baden-Württemberg
Gimpo	Gyeonggi-do
Kosaka	Akita
Kosaka	Akita
Kosaka	Akita
Kosaka	Akita
Chopyeong-myeon	Chungcheongbuk-do
Gimpo	Gyeonggi-do
Honjo	Saitama
Kazuno	Akita
Okayama	Okayama
Verkhnyaya Pyshma	Sverdlovskaya oblast'
Coimbatore	Tamil Nadu
Coimbatore	Tamil Nadu
Coimbatore	Tamil Nadu
Coimbatore	Tamil Nadu
Dubai	Dubayy
Obrucheva	Moskva
Msasa	Harare
Novosibirsk	Novosibirskaya oblast'
Fujairah	Al Fujayrah
Shanghang	Fujian Sheng
Ahmedabad	Gujarat
Warwick	Rhode Island
Accra	Accra
Laizhou	Shandong Sheng
Shanghang	Fujian Sheng
Chengdu	Sichuan Sheng
Chengdu	Sichuan Sheng
Guangzhou	Guangdong Sheng
Guangzhou	Guangdong Sheng

Ahmedabad	Gujarat
Zhaoyuan	Shandong Sheng
Fuyang	Zhejiang Sheng
Seo-gu	Incheon-gwangyeoksi
Pforzheim	Baden-Württemberg
Sanmenxia	Henan Sheng
Sanmenxia	Henan Sheng
Sanmenxia	Henan Sheng
Hanau	Hessen
Fanling	Hong Kong SAR
Fanling	Hong Kong SAR
Hanau	Hessen
Yuanling	Hunan Sheng
Yuanling	Hunan Sheng
Yuanling	Hunan Sheng
Chenzhou	Hunan Sheng
Chenzhou	Hunan Sheng
Danwon	Gyeonggi-do
Antwerp	Antwerpen
Hohhot	Nei Mongol Zizhiqu
Dubai	Dubayy
Soka	Saitama
Kuyumcukent	İstanbul
Arezzo	Toscana
New Delhi	Delhi
Osaka	Osaka
Guixi City	Jiangxi Sheng
Guixi City	Jiangxi Sheng
Brampton	Ontario
Salt Lake City	Utah
Salt Lake City	Utah
Brampton	Ontario
Verkhnyaya Pyshma	Sverdlovskaya oblast'
Novosibirsk	Novosibirskaya oblast'
Verkhnyaya Pyshma	Sverdlovskaya oblast'
Ôita	Ôita
Hamar	Hedmarken
Dubai	Dubayy
Balkhash	Qaraghandy oblysy
Ust-Kamenogorsk	Qaraghandy oblysy
Magna	Utah
Lubin	Dolnośląskie
Lubin	Dolnośląskie
Lubin	Dolnośląskie
Sayama	Saitama
Sayama	Saitama
Lubin	Dolnośląskie
Gangnam	Seoul-teukbyeolsi
Kosaka	Akita
Magna	Utah
Haridwar	Uttarakhand
Bishkek	Chüy

Kyshtym	Chelyabinskaya oblast'
Nacozari	Sonora
Laizhou	Shandong Sheng
Riyadh	Ar Riyāḍ
Lingbao	Henan Sheng
Lingbao	Henan Sheng
Lingbao	Henan Sheng
Andorra la Vella	Andorra la Vella
Onsan-eup	Ulsan-gwangyeoksi
Seo-gu	Incheon-gwangyeoksi
Luoyang	Henan Sheng
Luoyang	Henan Sheng
Luoyang	Henan Sheng
Sao Paulo	São Paulo
Buffalo	New York
Iruma	Saitama
Rudrapur	Uttarakhand
Saijo	Ehime
Centurion	Gauteng
Torreón	Coahuila de Zaragoza
Greenville	North Carolina
Hoboken	Antwerpen
Marin	Neuchâtel
Kwai Chung	Hong Kong SAR
Singapore	South West
Suzhou	Jiangsu Sheng
Marin	Neuchâtel
North Attleboro	Massachusetts
Torreón	Coahuila de Zaragoza
Torreón	Coahuila de Zaragoza
Torreón	Coahuila de Zaragoza
Torreón	Coahuila de Zaragoza
Tokyo	Tokyo
Takehara	Hiroshima
Takehara	Hiroshima
Mewat	Haryana
Kawasan Perindustrian Bukit Melaka	
Onehunga	Auckland
Obrucheva	Moskva
Bahçelievler	İstanbul
Bahçelievler	İstanbul
Navoi	Navoiy
Pyeongtaek-si	Gyeonggi-do
Noda	Chiba
Saijo	Ehime
Hamburg	Hamburg
Vienna	Wien
Vienna	Wien
Nara-shi	Nara
Krasnoyarsk	Krasnoyarskiy kray
Krasnoyarsk	Krasnoyarskiy kray
Novosibirsk	Novosibirskaya oblast'

Castel San Pietro	Ticino
Ôita	Ôita
Warwick	Rhode Island
Penglai	Shandong Sheng
Newburn	Western Australia
Newburn	Western Australia
Mejillones	Antofagasta
Kasimov	Ryazanskaya oblast'
Castel San Pietro	Ticino
Jakarta	Jakarta Raya
La Chaux-de-Fonds	Neuchâtel
La Chaux-de-Fonds	Neuchâtel
Fairfield	Ohio
Germiston	Gauteng
Onsan-eup	Ulsan-gwangyeoksi
Lanzhou	Gansu Sheng
Moerdijk	Noord-Brabant
Moerdijk	Noord-Brabant
Ottawa	Ontario
Paris	Île-de-France
Williston	North Dakota
Arezzo	Toscana
Vestec	Praha-západ
Ôita	Ôita
Parwanoo	Himachal Pradesh
Namdong	Incheon-gwangyeoksi
Namdong	Incheon-gwangyeoksi
Changwon	Gyeongsangnam-do
Barranquilla	Atlántico
Halsbrücke	Sachsen
Namdong	Incheon-gwangyeoksi
Nouakchott	Nouakchott Ouest
Madrid	Madrid, Comunidad de
Madrid	Madrid, Comunidad de
Madrid	Madrid, Comunidad de
Laizhou	Shandong Sheng
Laizhou	Shandong Sheng
Laizhou	Shandong Sheng
Zhaoyuan	Shandong Sheng
Laizhou	Shandong Sheng
Laizhou	Shandong Sheng
Laizhou	Shandong Sheng
Laizhou	Shandong Sheng
Laizhou	Shandong Sheng
Zhaoyuan	Shandong Sheng
Laizhou	Shandong Sheng
Shenzhen	Guangdong
Mumbai	Maharashtra
Hiratsuka	Kanagawa
Shyolkovo	Moskovskaja oblast'
Chengdu	Sichuan Sheng
Hiratsuka	Kanagawa

Dayuan	Taoyuan
Saijo	Ehime
Shyolkovo	Moskovskaja oblast'
Tainan City	Tainan
Tainan City	Tainan
Tainan City	Tainan
Ahmedab	Gujarat
Vilnius	Vilnius
Khartoum	Khartoum
Saijo	Ehime
Saijo	Ehime
Gunsan-si	Jeollabuk-do
Gunsan-si	Jeollabuk-do
Capolona	Toscana
Takehara	Hiroshima
Ôita	Ôita
Hiratsuka	Kanagawa
Hiratsuka	Kanagawa
Hiratsuka	Kanagawa
Hiratsuka	Kanagawa
Hiratsuka	Kanagawa
Hiratsuka	Kanagawa
Hiratsuka	Kanagawa
Hiratsuka	Kanagawa
Chengdu	Sichuan Sheng
Newburn	Western Australia
Laizhou	Shandong Sheng
Kuki	Saitama
Tongling	Anhui Sheng
Tongling	Anhui Sheng
Antwerp	Antwerpen
Astana	Almaty
Asan	Chungcheongnam-do
Saijo	Ehime
Chopyeong-myeon	Chungcheongbuk-do
Hoboken	Antwerpen
Khwaeng Dok Mai	Krung Thep Maha Nakhon
Hoboken	Antwerpen
Alden	New York
Balerna	Ticino
Antwerp	Antwerpen
Tourville les Ifs	Normandie
Newburn	Western Australia
Pforzheim	Baden-Württemberg
Buffalo	New York
Montréal	Quebec
Konan	Kochi
Konan	Kochi
Konan	Kochi
Konan	Kochi
Zhaoyuan	Shandong Sheng
Sagamihara	Kanagawa

Kunming	Yunnan Sheng
Zhaoyuan	Shandong Sheng
Zhaoyuan	Shandong Sheng
Zhaoyuan	Shandong Sheng
Zhaoyuan	Shandong Sheng
Zhaoyuan	Shandong Sheng
Zhaoyuan	Shandong Sheng
Zhaoyuan	Shandong Sheng
Sanmenxia	Henan Sheng
Sanmenxia	Henan Sheng
Shanghang	Fujian Sheng
Shanghang	Fujian Sheng

Tamura	Fukushima
Changsha	Hunan Sheng
Changsha	Hunan Sheng
Gastonia	North Carolina
Pompano Beach	Florida
Jiangmen	Guangdong Sheng
Jiangmen	Guangdong Sheng
Zhuzhou	Hunan Sheng
Aizuwakamatsu	Fukushima
Boyertown	Pennsylvania
Yingde	Guangdong Sheng
Map Ta Phut	Rayong
Hermsdorf	Thüringen
Newton	Massachusetts
Mito	Ibaraki
Laufenburg	Baden-Württemberg
Goslar	Niedersachsen
Hengyang	Hunan Sheng
Fengxin	Jiangxi Sheng
Yichun	Jiangxi Sheng
Jiujiang	Jiangxi Sheng
Jiujiang	Jiangxi Sheng
Jiujiang	Jiangxi Sheng
Jiujiang	Jiangxi Sheng
Matamoros	Tamaulipas
Matamoros	Tamaulipas
São João del Rei	Minas Gerais
Balin Dol	Gostivar
District Raigad	Maharashtra
District Raigad	Maharashtra
Presidente Figueiredo	Amazonas
Presidente Figueiredo	Amazonas
Presidente Figueiredo	Amazonas
Omuta	Fukuoka
Omuta	Fukuoka
Sillamäe	Ida-Virumaa
Shizuishan City	Ningxia Huizi Zizhiqu
Shizuishan City	Ningxia Huizi Zizhiqu

Sillamäe
Balin Dol
Balin Dol
Balin Dol
Carrollton
São João del Rei
São João del Rei
São João del Rei
Zhuzhou
Zhuzhou
Solikamsk
Solikamsk
Solikamsk
Harima
Harima
Map Ta Phut
Goslar
Mito
Laufenburg
Croydon
Ust-Kamenogorsk
Ust-Kamenogorsk
Yingde
YunFu City
Yecheng City
Zhuzhou
Zhuzhou
Mito

Ida-Virumaa
Gostivar
Gostivar
Gostivar
Texas
Minas gerais
Minas gerais
Minas gerais
Hunan Sheng
Hunan Sheng
Permskiy kray
Permskiy kray
Permskiy kray
Hyogo
Hyogo
Rayong
Niedersachsen
Ibaraki
Baden-Württemberg
Pennsylvania
Qaraghandy oblysy
Qaraghandy oblysy
Guangdong Sheng
Guangdong Sheng
Jiangsu Sheng
Hunan Sheng
Hunan Sheng
Ibaraki

Altoona
Altoona
Altoona
Altoona
Altoona
Quy Hop
Sungailiat
Gejiu
Chenzhou
Chenzhou
Chifeng
Laibin
Laibin
Laibin
Gejiu
Altoona
Altoona
Altoona
São José
São José
Toledo
Sungailiat

Pennsylvania
Pennsylvania
Pennsylvania
Pennsylvania
Pennsylvania
Nghệ An
Kepulauan Bangka Belitung
Yunnan Sheng
Hunan Sheng
Hunan Sheng
Nei Mongol Zizhiqu
Guangxi Zhuangzu Zizhiqu
Guangxi Zhuangzu Zizhiqu
Guangxi Zhuangzu Zizhiqu
Yunnan Sheng
Pennsylvania
Pennsylvania
Pennsylvania
Santa Catarina
Santa Catarina
Toledo
Kepulauan Bangka Belitung

Pemali	Kepulauan Bangka Belitung
Pangkal Pinang	Kepulauan Bangka Belitung
Pangkal Pinang	Kepulauan Bangka Belitung
Dongguan	Guangdong Sheng
Kosaka	Akita
Kosaka	Akita
Tinh Tuc	Cao Bằng
Oruro	Oruro
Oruro	Oruro
Oruro	Oruro
Oruro	Oruro
Ariquemes	Rondônia
Ariquemes	Rondônia
Mogi das Cruzes	São Paulo
Mogi das Cruzes	São Paulo
Mogi das Cruzes	São Paulo
Chmielów	Podkarpackie
Paracas	Ika
Gejiu	Yunnan Sheng
Gejiu	Yunnan Sheng
Gejiu	Yunnan Sheng
Gejiu	Yunnan Sheng
Gejiu	Yunnan Sheng
Gejiu	Yunnan Sheng
Gejiu	Yunnan Sheng
Gejiu	Yunnan Sheng
Gejiu	Yunnan Sheng
Laibin	Guangxi Zhuangzu Zizhiqu
Laibin	Guangxi Zhuangzu Zizhiqu
Chaozhou	Guangdong Sheng
Laibin	Guangxi Zhuangzu Zizhiqu
Laibin	Guangxi Zhuangzu Zizhiqu
Ganzhou	Jiangxi Sheng
Mentok	Kepulauan Bangka Belitung
Ganzhou	Jiangxi Sheng
Ganzhou	Jiangxi Sheng
Gejiu	Yunnan Sheng
Gejiu	Yunnan Sheng
Gejiu	Yunnan Sheng
Kundur	Riau
Laibin	Guangxi Zhuangzu Zizhiqu
Kigali	City of Kigali
Maanshan	Anhui Sheng
São João del Rei	Minas Gerais
Butterworth	Pulau Pinang
Ariquemes	Rondônia
Mentok	Kepulauan Bangka Belitung
Laibin	Guangxi Zhuangzu Zizhiqu
Twinsburg	Ohio
Beerse	Antwerpen
Berango	Bizkaia
Bairro Guarapiranga	São Paulo

Bairro Guarapiranga	São Paulo
Bairro Guarapiranga	São Paulo
Hanoi	Ha Noi
Paracas	Ika
Tokyo	Tokyo
Kawasan Perindustrian Bukit I	Melaka
Butterworth	Pulau Pinang
Ganzhou	Jiangxi Sheng
Ganzhou	Jiangxi Sheng
Quy Hop	Nghệ An
Novosibirsk	Novosibirskaya oblast'
Nongkham Sriracha	Chon Buri
Rosario	Cavite
Oruro	Oruro
Oruro	Oruro
Oruro	Oruro
Yangon	Yangon
Jagdalpur	Chhattisgarh
Pemali	Kepulauan Bangka Belitung
Sungailiat	Kepulauan Bangka Belitung
Sungailiat	Kepulauan Bangka Belitung
Badau	Kepulauan Bangka Belitung
Pangkalpinang	Kepulauan Bangka Belitung
Pasir Putih	Kepulauan Bangka Belitung
Mentawak	Kepulauan Bangka Belitung
Sungailiat	Kepulauan Bangka Belitung
Pangkalpinang	Kepulauan Bangka Belitung
Pangkal Pinang	Kepulauan Bangka Belitung
Tukak Sadai	Kepulauan Bangka Belitung
Pangkal Pinang	Kepulauan Bangka Belitung
Sungailiat	Kepulauan Bangka Belitung
Pangkal Pinang	Kepulauan Bangka Belitung
Kundur	Riau
Tempilang	Kepulauan Bangka Belitung
Kundur	Riau
Mentok	Kepulauan Bangka Belitung
Pangkal Pinang	Kepulauan Bangka Belitung
São João del Rei	Minas gerais
São João del Rei	Minas gerais
São João del Rei	Minas gerais
Longtan Shiang Taoyuan	Taoyuan
Gejiu	Yunnan Sheng
Bebedouro	São Paulo
Piracicaba	São Paulo
Thai Nguyen	Thái Nguyên
Amphur Muang	Phuket
Amphur Muang	Phuket
Amphur Muang	Phuket
Gejiu	Yunnan Sheng
Gejiu	Yunnan Sheng
West Chester	Pennsylvania
Bairro Guarapiranga	São Paulo

Tan Quang	Tuyên Quang
Kundur	Riau
Hanoi	Ha Noi
Ariquemes	Rondônia
Ariquemes	Rondônia
Ariquemes	Rondônia
Laibin	Guangxi Zhuangzu Zizhiqu
Gejiu	Yunnan Sheng
Gejiu	Yunnan Sheng
Gejiu	Yunnan Sheng
Gejiu	Yunnan Sheng
Gejiu	Yunnan Sheng
Gejiu	Yunnan Sheng
Gejiu	Yunnan Sheng
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Gejiu	Yunnan Sheng
Gejiu	Yunnan Sheng
Gejiu	Yunnan Sheng
Gejiu	Yunnan Sheng
Gejiu	Yunnan Sheng
Gejiu	Yunnan Sheng

Toyama City	Toyama
Toyama City	Toyama
Araçariguama	São Paulo
Sao Paulo	São Paulo
Toyama City	Toyama
Toyama City	Toyama
Toyama City	Toyama
Moscow	Moskva
Vinh Bao District	Hai Phong
Huntsville	Alabama
Huntsville	Alabama
Chaozhou	Guangdong Sheng
Chenzhou	Hunan Sheng
Luoyang	Hunan Sheng
Luoyang	Hunan Sheng
Luoyang	Hunan Sheng
Ganzhou	Jiangxi Sheng
Ganzhou	Jiangxi Sheng
Hezhou	Guangxi Zhuangzu Zizhiqu
Araquari	Santa Catarina
Longyan	Fujian Sheng
Longyan	Fujian Sheng
Ganzhou	Jiangxi Sheng
Ganzhou	Jiangxi Sheng
Ganzhou	Jiangxi Sheng
Ganzhou	Jiangxi Sheng
Shenzhen	Guangdong Sheng
Towanda	Pennsylvania

Towanda	Pennsylvania
Chaozhou	Guangdong Sheng
Laufenburg	Baden-Württemberg
Goslar	Niedersachsen
Ganzhou	Jiangxi Sheng
Hengyang	Hunan Sheng
Yuanling	Hunan Sheng
Yuanling	Hunan Sheng
Hengyang	Hunan Sheng
Yiyang	Hunan Sheng
Nalchik	Kabardino-Balkarskaya Respublika
Akita City	Akita
Ganzhou	Jiangxi Sheng
Xiushui	Jiangxi Sheng
Gao'an	Jiangxi Sheng
Tonggu	Jiangxi Sheng
Ganzhou	Jiangxi Sheng
Ganzhou	Jiangxi Sheng
Ganzhou	Jiangxi Sheng
Ganzhou	Jiangxi Sheng
Kirovgrad	Sverdlovskaya oblast'
Fallon	Nevada
Huntsville	Alabama
Siheung-si	Gyeonggi-do
Fangliao	Pingtung
Nanfeng Xiaozhai	Yunnan Sheng
Dai Tu	Thái Nguyên
Dai Tu	Thái Nguyên
Roshal	Moskovskaja oblast'
Depew	New York
Kopeysk	Chelyabinskaya Oblast'
Dai Tu	Thái Nguyên
Ramenskoe	Moskovskaja oblast'
Ramenskoe	Moskovskaja oblast'
Marilao	Bulacan
Laufenburg	Baden-Württemberg
Unecha	Bryanskaya oblast'
St. Martin i-S	Steiermark
St. Martin i-S	Steiermark
St. Martin i-S	Steiermark
St. Martin i-S	Steiermark
Gyeongju-si	Gyeongsangbuk-do
Xiamen	Fujian Sheng
Xiamen	Fujian Sheng
Xiamen	Fujian Sheng
Ganzhou	Jiangxi Sheng
Ganzhou	Jiangxi Sheng
Luoyang	Hunan Sheng