
UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549

FORM SD
Specialized Disclosure Report



O-I GLASS, INC.

(Exact name of registrant as specified in its charter)

Delaware
(State or other jurisdiction of
incorporation or organization)

1-9576
(Commission
file number)

22-2781933
(IRS Employer
Identification No.)

One Michael Owens Way, Perrysburg, Ohio
(Address of principal executive offices)

43551
(Zip Code)

Registrant's telephone number, including area code: (567) 336-5000

Darrow A. Abrahams **(567) 336-5000**
(Name and telephone number, including area code, of the
person to contact in connection with this report.)

Check the appropriate box to indicate the rule pursuant to which this form is being filed, and provide the period to which the information in this form applies:

Rule 13p-1 under the Securities Exchange Act (17 CFR 240.13p-1) for the reporting period from January 1 to December 31, 2022.

Rule 13q-1 under the Securities Exchange Act (17 CFR 240.13q-1) for the fiscal year ended ____.

Section 1 - Conflict Minerals Disclosure

Item 1.01 Conflict Minerals Disclosure and Report

A copy of the Conflict Minerals Report for O-I Glass, Inc. (the “Company”) is provided as Exhibit 1.01 hereto and is publicly available at www.o-i.com.

The term “Company,” as used herein and unless otherwise stated or indicated by context, refers to Owens-Illinois, Inc. and its affiliates (“O-I”) prior to the Corporate Modernization (as defined below) and to O-I Glass, Inc. and its affiliates (“O-I Glass”) after the Corporate Modernization.

On December 26 and 27, 2019, the Company implemented the Corporate Modernization pursuant to the Agreement and Plan of Merger (the “Merger Agreement”), dated as of December 26, 2019, among O-I, O-I Glass and Paddock Enterprises, LLC (“Paddock”).

The Corporate Modernization involved a series of transactions (together with certain related transactions, the “Corporate Modernization”) pursuant to which (1) O-I formed a new holding company, O-I Glass, as a direct wholly owned subsidiary of O-I and a sister company to Owens-Illinois Group, Inc. (“O-I Group”), (2) O-I Glass formed a new Delaware limited liability company, Paddock, as a direct wholly owned subsidiary of O-I Glass, (3) O-I merged with and into Paddock, with Paddock continuing as the surviving entity and as a direct wholly owned subsidiary of O-I Glass (the “Merger”) and (4) Paddock distributed 100% of the capital stock of O-I Group to O-I Glass, as a result of which O-I Group is a direct, wholly owned subsidiary of O-I Glass and sister company to Paddock.

Item 1.02 Exhibit

See Item 3.01 below.

Section 2 – Resource Extraction Issuer Disclosure

Item 2.01 Resource Extraction Issuer Disclosure and Report

Not applicable.

Section 3 -- Exhibits

Item 3.01 Exhibits

[Exhibit 1.01 -- Conflict Minerals Report as required by Items 1.01 and 1.02 of this Form.](#)

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned thereunto duly authorized.

O-I GLASS, INC.

Date: May 31, 2023

/s/ Darrow A. Abrahams

By: Darrow A. Abrahams

Senior Vice President, General Counsel and Corporate Secretary

CONFLICT MINERALS REPORT

This report for the reporting period from January 1, 2022 to December 31, 2022 (the “Reporting Period”) is presented to comply with Rule 13p-1 under the Securities Exchange Act of 1934 (the “Rule”) and pursuant to the Company’s Special Disclosure Report on Form SD (“Form SD”).

As permitted by the Rule and Form SD, and pursuant to the guidance regarding compliance with the Rule provided by the staff of the Securities and Exchange Commission (the “SEC”), this report does not include an independent private sector audit of the report.

COMPANY OVERVIEW:

O-I Glass, Inc., a Delaware corporation (the “Company”), through its subsidiaries, is the successor to a business established in 1903. The Company is one of the leading manufacturers of glass containers in the world with 69 glass manufacturing plants in 19 countries. It competes in the glass container segment of the rigid packaging market and is the leading glass container manufacturer in most of the countries where it has manufacturing facilities.

The term “Company,” as used herein and unless otherwise stated or indicated by context, refers to Owens-Illinois, Inc. and its affiliates (“O-I”) prior to the Corporate Modernization (as defined below) and to O-I Glass, Inc. and its affiliates (“O-I Glass”) after the Corporate Modernization.

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The Company produces glass containers for alcoholic beverages, including beer, flavored malt beverages, spirits and wine. The Company also produces glass packaging for a variety of food items, soft drinks, teas, juices and pharmaceuticals. The Company manufactures glass containers in a wide range of sizes, shapes and colors and is active in new product development and glass container innovation. The sale of glass containers comprised approximately 99.9% of the Company’s revenues in 2022. The Company believes that there are no conflict minerals that are necessary to any product that the Company manufactures or contracts to manufacture as part of its glass container business.

The Company also manufactures or contracts to manufacture glass making machines, molds and other parts related thereto (hereinafter, "Machine"). The Machine business comprised approximately 0.1% of the Company's revenues in 2022. The Company has determined that certain conflict minerals as defined in Form SD (meaning cassiterite, columbite-tantalite [also known as coltan], gold, wolframite, and their derivatives, which are limited to tin, tantalum, and tungsten) were necessary to the functionality or production of certain of the Machines that the Company manufactures or contracts to manufacture during the Reporting Period. The Company refers in this report to any such conflict minerals as its "necessary conflict minerals" (other than any conflict minerals that are considered, under the Rule and pursuant to Form SD, to have been outside of the supply chain prior to January 31, 2013).

SUPPLY CHAIN:

The Company does not purchase conflict minerals directly for the manufacture of its products. The Company purchases materials and products through an extensive supply chain and relies on its direct suppliers to provide information to the extent that conflict minerals are contained in components and materials supplied to the Company. Based on the Company's assessment of its Machine business, the Company believes that certain products manufactured or contracted to manufacture as part of the Machine business contain necessary conflict minerals.

CONFLICT MINERALS PROGRAM

The Company's Conflict Minerals program is based on the five-step OECD Due Diligence Guidance for Responsible Supply Chains of Minerals from Conflict-Affected and High Risk Areas including the related supplements for gold and for tin, tantalum and tungsten (the "OECD Guidance") as described as follows:

A. Establish strong company management systems

The Company has a Conflict Minerals Policy which has been posted on the Company's public website. As stated in the Conflict Minerals Policy, the Company is committed to working with its global supply chain to comply with the Rule.

The Company has established a management system for conflict minerals including:

- Forming a cross-functional task force that includes representatives from the Company's legal, finance, and procurement functions. The task force focuses on the Company's conflict minerals compliance initiative.
- Implementing a system of controls and transparency through the use of the Conflict Minerals Reporting Template (the "Template") developed jointly by the Responsible Business Alliance (RBA), formerly the Electronic Industry Citizenship Coalition®, and The Global e-Sustainability Initiative (GeSI). The Template was developed to facilitate disclosure and communication of information regarding smelters that provide material to a company's supply chain.
- Communicating to the Company's targeted direct suppliers the importance of transparency in the Company's supply chain as well as the Company's expectation that the suppliers will complete the Template in order for the Company to comply with its reporting obligations to the SEC.

- Utilizing the Company’s membership in the Responsible Minerals Initiative (the “RMI”), formerly the Conflict-Free Sourcing Initiative, to gain access to the RMI’s due diligence on smelters and refiners; to keep apprised of industry insights and trends; and to build leverage over the supply chain.
- Providing reporting channels such as the Company’s Ethics and Compliance Helpline whereby employees and other persons can report violations of laws, regulations or Company policies. The Company’s Ethics and Compliance Helpline is a reporting mechanism which allows for anonymous reporting if the reporter so chooses.

B. Identify and assess risks in the supply chain

The Company has performed the following steps to identify and assess risks in its supply chain:

- Identify O-I products that may contain conflict minerals.
- With respect to such products, identify direct suppliers that supply materials or components to the Company that may contain conflict minerals.
- Request that the identified suppliers complete the Template and review O-I’s Conflict Minerals Policy. Follow up with those suppliers who do not respond.
- Evaluate the suppliers’ responses for completeness and accuracy and contact those suppliers whose responses we believed contained incomplete or potentially inaccurate information.
- Compile a list of smelters and refiners as provided in the responses.
- Compare the list of smelters and refiners identified in the responses against the list of facilities on the RMI’s published lists in connection with RMI’s Responsible Minerals Assurance Process (RMAP), formerly known as the Conflict-Free Smelter Program.

C. Design and implement a strategy to respond to identified risks

- Validate “conformant” smelters and confirm the status of other active smelters using the RMI’s published lists.
- Maintain a risk management plan to address various risks resulting from the Company’s due diligence.
- Develop specific risk mitigation plans as needed on a case-by-case basis.

D. Carry out independent third party audit of supply chain due diligence at identified points in the supply chain

As a downstream product manufacturer, and in light of the supply chain for the Company’s necessary conflict minerals described above, the Company does not have a direct relationship with the smelters and refiners that produce the conflict minerals contained in components of its products. The Company supports independent third party audits of smelters and refiners by programs such as the RMI’s Responsible Minerals Assurance Process through our membership in the RMI.

E. Report on supply chain due diligence

This Conflict Minerals Report provides information about the Company's supply chain due diligence with respect to the SEC's conflict minerals rule. This Report is an exhibit to the Company's Form SD which has been filed with the SEC.

REASONABLE COUNTRY OF ORIGIN INQUIRY:

Because the Company determined that conflict minerals were necessary to the functionality or production of certain products manufactured or contracted to manufacture within the Company's Machine business, as required under the Rule and pursuant to Form SD, the Company conducted, in good faith, a "reasonable country of origin inquiry" ("RCOI") reasonably designed to determine whether any of the Company's necessary conflict minerals originated in the Democratic Republic of the Congo (the "DRC") or a country that shares an internationally recognized border with the DRC (each, a "Covered Country") or were from recycled or scrap sources.

The Company reviewed the list of all suppliers to the Machine business during the Reporting Period. The Company identified 34 suppliers of products that could potentially contain conflict minerals (the "Suppliers"). The products supplied included equipment, electronics supplies and mechanical parts. The Company has continued to consolidate the number of suppliers to the Machine business through strategic relationships with contract manufacturers.

The Company sent a letter to the Suppliers requesting them to complete the Template. The letter explained the Company's reporting requirements and included the Company's Conflict Minerals Policy. Suppliers were also directed to the RBA's resources and training documentation.

The Company tracked and monitored responses provided by the Suppliers. Follow-up letters were sent to Suppliers who did not respond to the initial letter. The Company received responses from Suppliers representing 97% of all expenditures by the Machine business with the targeted Suppliers during the Reporting Period. This included the Supplier that comprised a majority of all of the expenditures that the Machine business had with the Suppliers that were surveyed.

The information provided by the Suppliers (and by their suppliers) to the Company included information regarding smelters and refiners at the company level for such Suppliers. This information was compiled into a list of smelters and refiners which was compared against the list of facilities that have met the requirements of the RMI's assessment protocol.

In addition, the Company conducted an internal analysis of certain products of the Machine business to determine whether such products contained conflict minerals. Based on this analysis, the Company concluded that certain products of the Machine business did not contain conflict minerals and as a result were out-of-scope.

Based on the RCOI, the Company determined that it had reason to believe that its necessary conflict minerals may have originated from a Covered Country and may not be from recycled or scrap sources.

DUE DILIGENCE

The Company performed the following due diligence measures in accordance with the design described below:

A. DESIGN OF DUE DILIGENCE:

The Company's due diligence measures have been designed to conform, in all material respects, with the due diligence-related steps of the OECD Guidance

B. DUE DILIGENCE PERFORMED:

The Company conducted a conflict minerals survey by reaching out to the 34 Suppliers asking them to complete the Template. A majority of the responding Suppliers confirmed that their supply to the Company did not contain conflict minerals originating from the DRC or a Covered Country. The Company did not receive responses from sixteen Suppliers. The Company has low dollar expenditures with each of these Suppliers.

Appendix A lists the 450 smelters and refiners provided by Suppliers (and their suppliers) on the Template. Because the information provided by the responding Suppliers is at the company level and not specific to the products they sell to O-I, it cannot be verified that all of the smelters identified contributed to parts that ended up in the Company's products. We compared the information provided by the Suppliers to the information in the RMI's database. The facilities listed on Appendix A and marked with an asterisk indicate those smelters and refiners that have been certified as conformant with the RMI's assessment protocol.

Of the 450 smelters and refiners provided by the Suppliers, 224 smelters or refiners have received conformant status, meaning audited and found conformant with the relevant RMAP standard or are a TI-CMC Member Company. Six (6) smelters or refiners have received active status, meaning they are engaged in the RMAP but not yet conformant. One hundred thirteen (113) smelters or refiners are not eligible for the RMAP. Twenty (20) smelters or refiners do not meet RMI's requirements for participation according to the due diligence vetting process. Fourteen (14) smelters or refiners are not yet active but in communication with the RMAP and/or a member Company. Forty one (41) smelters or refiners require outreach to contact the entity and encourage them to participate in the RMAP audit. Six (6) smelters or refiners have strongly communicated a lack of interest in participation. Twenty six (26) smelters or refiners have been audited but were found not conformant with the relevant RMAP standard.

Additionally, we determined that of the 224 smelters or refiners which have received conformant status or are a TI-CMC Member Company, 37 smelters or refiners source conflict minerals from the DRC or a Covered Country. However, all of the 37 smelters or refiners have been verified conformant with the RMAP. One of the 37 smelters or refiners had received conformant status but, due to a change in its business, is no longer a smelter or refiner and is no longer eligible for the RMAP.

The information provided by the Suppliers was not at a product-level specific to the materials and components we use. As such, the Company does not have sufficient information to determine all smelters or refiners in the supply chain for the Machine business, as well as the Country of Origin of the conflict minerals in the products manufactured or contracted to manufacture as part of O-I's Machine business.

For the 224 smelters or refiners mentioned above as being conformant with the RMI assessment protocol, we used the RMI RCOI report available to RMI members to identify the Countries of Origin. The Countries of Origin for the conflict minerals purchased by the identified smelters or refiners are listed in Appendix B. The Company does not source directly from Russia and has policies in place designed to ensure compliance by the Company with all international sanctions regarding shipments to and from Russia.

STEPS TO BE TAKEN TO MITIGATE RISK:

The Company intends to take the following steps during future compliance periods to mitigate the risk that its necessary conflict minerals could benefit armed groups in the DRC or the Covered Countries and to improve the Company's due diligence:

a. Continue to work with those suppliers that provided information at the overall company level to provide more specific information relating to the products they sell to O-I that contain conflict minerals.

b. Continue to utilize the Company's membership in the Responsible Minerals Initiative and trade associations, such as the National Association of Manufacturers, to define and improve best practices and build leverage over the supply chain in accordance with the OECD Guidance.

c. Work with suppliers as needed to promote their understanding of and the Company's expectations regarding compliance with the SEC's conflict minerals rule and direct them to training resources to attempt to improve the content of the supplier survey responses including the completeness and accuracy of the responses.

d. Continue to reinforce awareness within the Company regarding the global procurement conflict minerals procedure.

APPENDIX A

The table below lists all of the smelters/refiners provided by the Suppliers to the Company's Machine business. The information includes the minerals, the smelter/refiner names and the country locations as reported by the Responsible Minerals Initiative as of May 6, 2023. The information provided by the Suppliers was at the company-level and not at a product-level specific to the materials and components the Company uses.

*Indicates that the smelter or refiner is conformant with the RMI's relevant RMAP standard.

Metal	Smelter Name	Smelter Country
Gold	8853 S.p.A.	Italy
Gold	Abington Reldan Metals, LLC*	United States Of America
Gold	Advanced Chemical Company*	United States Of America
Gold	African Gold Refinery	Uganda
Gold	Aida Chemical Industries Co., Ltd.*	Japan
Gold	Aktyubinsk Copper Company TOO	Kazakhstan
Gold	Al Etihad Gold Refinery DMCC*	United Arab Emirates
Gold	Alexy Metals*	United States Of America
Gold	Allgemeine Gold-und Silberscheideanstalt A.G.*	Germany
Gold	Almalyk Mining and Metallurgical Complex (AMMC)*	Uzbekistan
Gold	ALPHA ASSEMBLY	United States Of America
Gold	AngloGold Ashanti Corrego do Sitio Mineracao*	Brazil
Gold	Argor-Heraeus S.A.*	Switzerland
Gold	Asahi Pretec Corp.*	Japan
Gold	Asahi Refining Canada Ltd.*	Canada
Gold	Asahi Refining USA Inc.*	United States Of America
Gold	Asaka Riken Co., Ltd.*	Japan
Gold	Atasay Kuyumculuk Sanayi Ve Ticaret A.S.	Turkey
Gold	AU Traders and Refiners	South Africa
Gold	Augmont Enterprises Private Limited	India
Gold	Aurubis AG*	Germany
Gold	Bangalore Refinery*	India
Gold	Bangko Sentral ng Pilipinas (Central Bank of the Philippines)*	Philippines
Gold	Bauer Walser AG	Germany
Gold	Boliden AB*	Sweden
Gold	C. Hafner GmbH + Co. KG*	Germany
Gold	C.I Metales Procesados Industriales SAS	Colombia
Gold	Caridad	Mexico
Gold	CCR Refinery - Glencore Canada Corporation*	Canada
Gold	Cendres + Metaux S.A.	Switzerland
Gold	CGR Metalloys Pvt Ltd.	India
Gold	Chimet S.p.A.*	Italy
Gold	China GoldDeal Investment Co., Ltd.	China
Gold	China National Gold Group Corp.	China

Gold	Chugai Mining*	Japan
Gold	Codelco	Chile
Gold	Colt Refining	United States Of America
Gold	Daejin Indus Co., Ltd.	Korea, Republic Of
Gold	DaeryongENC	Korea, Republic Of
Gold	Daye Non-Ferrous Metals Mining Ltd.	China
Gold	Degussa Sonne / Mond Goldhandel GmbH	Germany
Gold	Dijllah Gold Refinery FZC	United Arab Emirates
Gold	DODUCO Contacts and Refining GmbH	Germany
Gold	Dowa*	Japan
Gold	DS PRETECH Co., Ltd.	Korea, Republic Of
Gold	DSC (Do Sung Corporation)*	Korea, Republic Of
Gold	Eco-System Recycling Co., Ltd. North Plant*	Japan
Gold	Eco-System Recycling Co., Ltd. West Plant*	Japan
Gold	Eco-System Recycling Co., Ltd.*	Japan
Gold	Emerald Jewel Industry India Limited (Unit 1)	India
Gold	Emerald Jewel Industry India Limited (Unit 2)	India
Gold	Emerald Jewel Industry India Limited (Unit 3)	India
Gold	Emerald Jewel Industry India Limited (Unit 4)	India
Gold	Emirates Gold DMCC*	United Arab Emirates
Gold	Faggi Enrico S.p.A.	Italy
Gold	Feinhütte Halsbrücke GmbH	Germany
Gold	Fidelity Printers and Refiners Ltd.	Zimbabwe
Gold	Fujairah Gold FZC	United Arab Emirates
Gold	GCC Gujrat Gold Centre Pvt. Ltd.	India
Gold	Geib Refining Corporation*	United States Of America
Gold	Gold Coast Refinery	Ghana
Gold	Gold Refinery of Zijin Mining Group Co., Ltd.*	China
Gold	Great Wall Precious Metals Co., Ltd. of CBPM	China
Gold	GUANGDONG HUA JIAN TRADE DO.,LTD	China
Gold	Guangdong Jinding Gold Limited	China
Gold	Guoda Safina High-Tech Environmental Refinery Co., Ltd.	China
Gold	Hang Seng Technology	China
Gold	Hangzhou Fuchunjiang Smelting Co., Ltd.	China
Gold	HeeSung Metal Ltd.*	China
Gold	Heimerle + Meule GmbH*	Korea, Republic Of
Gold	Henan Yuguang Gold & Lead Co., Ltd.	Germany
Gold	Heraeus Germany GmbH Co. KG*	China
Gold	Heraeus Ltd. Hong Kong*	Germany
Gold	HeTai Gold Mineral GuangDong Ltd. Co.	China
Gold	Hunan Chenzhou Mining Co., Ltd.	China
Gold	Hunan Guiyang yinxing Nonferrous Smelting Co., Ltd.	China
Gold	HwaSeong CJ CO., LTD.	China
Gold	Industrial Refining Company	Korea, Republic Of
		Belgium

Gold	Inner Mongolia Qiankun Gold and Silver Refinery Share Co., Ltd.*	China
Gold	International Precious Metal Refiners	United Arab Emirates
Gold	Ishifuku Metal Industry Co., Ltd.*	Japan
Gold	Istanbul Gold Refinery*	Turkey
Gold	Italpreziosi*	Italy
Gold	JALAN & Company	India
Gold	Japan Mint*	Japan
Gold	Jiangxi Copper Co., Ltd.*	China
Gold	JSC Ekaterinburg Non-Ferrous Metal Processing Plant	Russian Federation
Gold	JSC Novosibirsk Refinery	Russian Federation
Gold	JSC Uralelectromed	Russian Federation
Gold	JX Nippon Mining & Metals Co., Ltd.*	Japan
Gold	K.A. Rasmussen	Norway
Gold	Kaloti Precious Metals	United Arab Emirates
Gold	Kazakhmys Smelting LLC	Kazakhstan
Gold	Kazzinc*	Kazakhstan
Gold	Kennecott Utah Copper LLC*	United States Of America
Gold	KGHM Polska Miedz Spolka Akcyjna*	Poland
Gold	Kojima Chemicals Co., Ltd.*	Japan
Gold	Korea Zinc Co., Ltd.*	Korea, Republic Of
Gold	Kundan Care Products Ltd.	India
Gold	Kyrgyzaltyn JSC	Kyrgyzstan
Gold	Kyshtym Copper-Electrolytic Plant ZAO	Russian Federation
Gold	L'azurde Company For Jewelry	Saudi Arabia
Gold	Lingbao Gold Co., Ltd.	China
Gold	Lingbao Jinyuan Tonghui Refinery Co., Ltd.	China
Gold	L'Orfebre S.A.*	Andorra
Gold	LS-NIKKO Copper Inc.*	Korea, Republic Of
Gold	Luoyang Zijin Yinhui Gold Refinery Co., Ltd.	China
Gold	Marsam Metals	Brazil
Gold	Materion*	United States Of America
Gold	Matsuda Sangyo Co., Ltd.*	Japan
Gold	MD Overseas	India
Gold	Metahub Industries Sdn. Bhd.	Malaysia
Gold	Metal Concentrators SA (Pty) Ltd.*	South Africa
Gold	Metallix Refining Inc.	United States Of America
Gold	Metalor Technologies (Hong Kong) Ltd.*	China
Gold	Metalor Technologies (Singapore) Pte., Ltd.*	Singapore
Gold	Metalor Technologies (Suzhou) Ltd.*	China
Gold	Metalor Technologies S.A.*	Switzerland
Gold	Metalor USA Refining Corporation*	United States Of America
Gold	Metalurgica Met-Mex Penoles S.A. De C.V.*	Mexico
Gold	Mitsubishi Materials Corporation*	Japan
Gold	Mitsui Mining and Smelting Co., Ltd.*	Japan

Gold	MMTC-PAMP India Pvt., Ltd.*	India
Gold	Modeltech Sdn Bhd	Malaysia
Gold	Morris and Watson	New Zealand
Gold	Morris and Watson Gold Coast	Australia
Gold	Moscow Special Alloys Processing Plant	Russian Federation
Gold	Nadir Metal Rafineri San. Ve Tic. A.S.*	Turkey
Gold	Navoi Mining and Metallurgical Combinat*	Uzbekistan
Gold	NH Recytech Company*	Korea, Republic Of
Gold	Nihon Material Co., Ltd.*	Japan
Gold	Ogussa Osterreichische Gold- und Silber-Scheideanstalt GmbH*	Austria
Gold	Ohura Precious Metal Industry Co., Ltd.*	Japan
Gold	OJSC "The Gulidov Krasnoyarsk Non-Ferrous Metals Plant" (OJSC Krastsvetmet)	Russian Federation
Gold	OJSC Kolyma Refinery	Russian Federation
Gold	PAMP S.A.*	Switzerland
Gold	Pease & Curren	United States Of America
Gold	Penglai Penggang Gold Industry Co., Ltd.	China
Gold	Planta Recuperadora de Metales SpA*	Chile
Gold	Prioksky Plant of Non-Ferrous Metals	Russian Federation
Gold	PT Aneka Tambang (Persero) Tbk*	Indonesia
Gold	PX Precinox S.A.*	Switzerland
Gold	QG Refining, LLC	United States Of America
Gold	Rand Refinery (Pty) Ltd.*	South Africa
Gold	Refinery of Seemine Gold Co., Ltd.	China
Gold	REMONDIS PMR B.V.*	Netherlands
Gold	Republic Metals Corporation	United States Of America
Gold	Royal Canadian Mint*	Canada
Gold	SAAMP*	France
Gold	Sabin Metal Corp.	United States Of America
Gold	Safimet S.p.A	Italy
Gold	SAFINA A.S.*	Czechia
Gold	Sai Refinery	India
Gold	Samduck Precious Metals	Korea, Republic Of
Gold	Samwon Metals Corp.	Korea, Republic Of
Gold	Sancus ZFS (L'Orfebre, SA)*	Colombia
Gold	SAXONIA Edelmetalle GmbH	Germany
Gold	Schone Edelmetaal B.V.	Netherlands
Gold	Sellem Industries Ltd.	Mauritania
Gold	SEMPA Joyeria Plateria S.A.*	Spain
Gold	Shan Tou Shi Yong Yuan Jin Shu Zai Sheng Co. Ltd.	China
Gold	Shandong Gold Smelting Co., Ltd.*	China
Gold	Shandong Humon Smelting Co., Ltd.	China
Gold	Shandong Tiancheng Biological Gold Industrial Co., Ltd.	China
Gold	Shandong Zhaojin Gold & Silver Refinery Co., Ltd.*	China
Gold	Shenzhen Zhonghenglong Real Industry Co., Ltd.	China

Gold	Shirpur Gold Refinery Ltd.	India
Gold	Sichuan Tianze Precious Metals Co., Ltd.*	China
Gold	Singway Technology Co., Ltd.	Taiwan, Province Of China
Gold	SOE Shyolkovsky Factory of Secondary Precious Metals	Russian Federation
Gold	Solar Applied Materials Technology Corp.*	Taiwan, Province Of China
Gold	Sovereign Metals	India
Gold	State Research Institute Center for Physical Sciences and Technology	Lithuania
Gold	Sudan Gold Refinery	Sudan
Gold	Sumitomo Metal Mining Co., Ltd.*	Japan
Gold	SungEel HiMetal Co., Ltd.*	Korea, Republic Of
Gold	Super Dragon Technology Co., Ltd	China
Gold	T.C.A S.p.A*	Italy
Gold	Taicang City Nancang Metal Material Co.,Ltd	China
Gold	Tanaka Kikinzoku Kogyo K.K.*	Japan
Gold	The Refinery of Shandong Gold Mining Co., Ltd.*	China
Gold	Tokuriki Honten Co., Ltd.*	Japan
Gold	Tongling Nonferrous Metals Group Co., Ltd.	China
Gold	TOO Tau-Ken-Altyr*	Kazakhstan
Gold	Torecom*	Korea, Republic Of
Gold	Umicore Brasil Ltda.	Brazil
Gold	Umicore Precious Metals Thailand	Thailand
Gold	Umicore S.A. Business Unit Precious Metals Refining*	Belgium
Gold	United Precious Metal Refining, Inc.*	United States Of America
Gold	Valcambi S.A.*	Switzerland
Gold	Western Australian Mint (T/a The Perth Mint)*	Australia
Gold	WIELAND Edelmetalle GmbH*	Germany
Gold	Yamakin Co., Ltd.*	Japan
Gold	Yantai Zhaojinlufu	China
Gold	Yokohama Metal Co., Ltd.*	Japan
Gold	Yunnan Copper Industry Co., Ltd.	China
Gold	Yunnan Tin Company Limited	Japan
Gold	Zhe Jiang Guang Yuan Noble Metal Smelting Factory	China
Gold	Zhongkuang Gold Industry Co., Ltd.	China
Gold	Zhongyuan Gold Smelter of Zhongjin Gold Corporation*	China
Tantalum	Asaka Riken Co., Ltd.	Japan
Tantalum	Changsha South Tantalum Niobium Co., Ltd.	China
Tantalum	CP Metals Inc.	United States Of America
Tantalum	D Block Metals, LLC*	United States Of America
Tantalum	Duoluoshan	China
Tantalum	E.S.R. Electronics	United States Of America
Tantalum	Exotech Inc.	United States Of America
Tantalum	F&X Electro-Materials Ltd.*	China
Tantalum	FIR Metals & Resource Ltd.*	China
Tantalum	Global Advanced Metals Aizu*	Japan

Tantalum	Global Advanced Metals Boyertown*	United States Of America
Tantalum	Guangdong Rising Rare Metals-EO Materials Ltd.	China
Tantalum	Guangdong Zhiyuan New Material Co., Ltd.*	China
Tantalum	H.C. Starck Co., Ltd.*	Thailand
Tantalum	H.C. Starck Goslar*	Germany
Tantalum	H.C. Starck Hermsdorf GmbH*	Germany
Tantalum	H.C. Starck Inc.*	United States Of America
Tantalum	H.C. Starck Ltd.*	Japan
Tantalum	H.C. Starck Smelting GmbH & Co. KG*	Germany
Tantalum	Hengyang King Xing Lifeng New Materials Co., Ltd.*	China
Tantalum	Jiangxi Dinghai Tantalum & Niobium Co., Ltd.*	China
Tantalum	Jiangxi Tuohong New Raw Material*	China
Tantalum	Jiujiang Janny New Material Co., Ltd.	China
Tantalum	JiuJiang JinXin Nonferrous Metals Co., Ltd.*	China
Tantalum	Jiujiang Tanbre Co., Ltd.*	China
Tantalum	Jiujiang Zhongao Tantalum & Niobium Co., Ltd.*	China
Tantalum	KEMET Blue Metals*	Mexico
Tantalum	KEMET Blue Powder	United States Of America
Tantalum	LSM Brasil S.A.*	Brazil
Tantalum	Meta Materials	North Macedonia, Republic Of
Tantalum	Metallurgical Products India Pvt., Ltd.*	India
Tantalum	Mineracao Taboca S.A.*	Brazil
Tantalum	Mitsui Mining and Smelting Co., Ltd.*	Japan
Tantalum	Ningxia Orient Tantalum Industry Co., Ltd.*	China
Tantalum	NPM Silmet AS*	Estonia
Tantalum	Plansee SE Liezen	Austria
Tantalum	QuantumClean*	United States Of America
Tantalum	Resind Industria e Comercio Ltda.*	Brazil
Tantalum	RFH Tantalum Smeltery Co., Ltd./Yanling Jincheng Tantalum & Niobium Co., Ltd.*	China
Tantalum	Solikamsk Magnesium Works OAO	Russian Federation
Tantalum	Taki Chemical Co., Ltd.*	Japan
Tantalum	Tantalite Resources	South Africa
Tantalum	Telex Metals*	United States Of America
Tantalum	Ulba Metallurgical Plant JSC*	Kazakhstan
Tantalum	XinXing HaoRong Electronic Material Co., Ltd.*	China
Tantalum	Zhuzhou Cemented Carbide Group Co., Ltd.	China
Tin	Alpha Metals*	United States Of America
Tin	An Vinh Joint Stock Mineral Processing Company	Viet Nam
Tin	Brinkmann Chemie AG	Germany
Tin	Chenzhou Yunxiang Mining and Metallurgy Co., Ltd.*	China
Tin	Chifeng Dajingzi Tin Industry Co., Ltd.*	China
Tin	China Tin Group Co., Ltd.*	China
Tin	Cooperativa Metalurgica de Rondonia Ltda.	Brazil
Tin	CRM Fundicao De Metais E Comercio De Equipamentos Eletronicos Do Brasil*	Brazil

Tin	CRM Synergies*	Spain
Tin	CV Ayi Jaya*	Indonesia
Tin	CV Dua Sekawan	Indonesia
Tin	CV Gita Pesona	Indonesia
Tin	CV United Smelting	Indonesia
Tin	CV Venus Inti Perkasa*	Indonesia
Tin	Dingnan Jiawang environmental Tin technology Co.	China
Tin	Dongguan CiEXPO Environmental Engineering Co., Ltd.	China
Tin	DONGGUAN CITY XIDA SOLDERING TIN PRODUCTS CO	China
Tin	Dowa*	Japan
Tin	Electro-Mechanical Facility of the Cao Bang Minerals & Metallurgy Joint Stock CO	Viet Nam
Tin	EM Vinto*	Bolivia (Plurinational State Of)
Tin	Estanho de Rondonia S.A.*	Brazil
Tin	Fenix Metals*	Poland
Tin	Gejiu City Fuxiang Industry and Trade Co., Ltd.	China
Tin	Gejiu Fengming Metallurgy Chemical Plant	China
Tin	Gejiu Jinye Mineral Company	China
Tin	Gejiu Kai Meng Industry and Trade LLC	China
Tin	Gejiu Non-Ferrous Metal Processing Co., Ltd.*	China
Tin	GEJIU YE LIAN CHANG	China
Tin	Gejiu Yunxi Group Corp.	China
Tin	Gejiu Yunxin Nonferrous Electrolysis Co., Ltd.	China
Tin	Gejiu Zili Mining And Metallurgy Co., Ltd.	China
Tin	Guangdong Hanhe Non-Ferrous Metal Co., Ltd.*	China
Tin	Guangxi Nonferrous Metals Group	China
Tin	Guangxi Zhongshan Jin Yi Smelting Co., Ltd.	China
Tin	Guanyang Guida Nonferrous Metal Smelting Plant	China
Tin	Hayes Metals	New Zealand
Tin	HuiChang Hill Tin Industry Co., Ltd.*	China
Tin	Huichang Jinshunda Tin Co., Ltd.	China
Tin	Jiangxi Ketai Advanced Material Co., Ltd.	China
Tin	Jiangxi Nanshan*	China
Tin	Jiangxi New Nanshan Technology Ltd.*	China
Tin	Linwu Xianggui Ore Smelting Co., Ltd.	China
Tin	Luna Smelter, Ltd.*	Rwanda
Tin	Ma'anshan Weitai Tin Co., Ltd.*	China
Tin	Magnu's Minerais Metais e Ligas Ltda.*	Brazil
Tin	Malaysia Smelting Corporation (MSC)*	Malaysia
Tin	Melt Metais e Ligas S.A.	Brazil
Tin	Metallic Resources, Inc.*	United States Of America
Tin	Metallo Belgium N.V.*	Belgium
Tin	Metallo Spain S.L.U.*	Spain
Tin	Mineração Taboca S.A.*	Brazil
Tin	Minsur*	Peru

Tin	Mitsubishi Materials Corporation*	Japan
Tin	Modeltech Sdn Bhd	Malaysia
Tin	Nghe Tinh Non-Ferrous Metals Joint Stock Company	Viet Nam
Tin	Novosibirsk Processing Plant Ltd.	Russian Federation
Tin	O.M. Manufacturing (Thailand) Co., Ltd.*	Thailand
Tin	O.M. Manufacturing Philippines, Inc.*	Philippines
Tin	Operaciones Metalurgical S.A.*	Bolivia (Plurinational State Of)
Tin	Pongpipat Company Limited	Myanmar
Tin	Precious Minerals and Smelting Limited	India
Tin	PT Alam Lestari Kencana	Indonesia
Tin	PT Aries Kencana Sejahtera*	Indonesia
Tin	PT Artha Cipta Langgeng*	Indonesia
Tin	PT ATD Makmur Mandiri Jaya*	Indonesia
Tin	PT Babel Inti Perkasa*	Indonesia
Tin	PT Babel Surya Alam Lestari*	Indonesia
Tin	PT Bangka Kudai Tin	Indonesia
Tin	PT Bangka Prima Tin*	Indonesia
Tin	PT Bangka Putra Karya	Indonesia
Tin	PT Bangka Serumpun*	Indonesia
Tin	PT Bangka Timah Utama Sejahtera	Indonesia
Tin	PT Bangka Tin Industry	Indonesia
Tin	PT Belitung Industri Sejahtera	Indonesia
Tin	PT BilliTin Makmur Lestari	Indonesia
Tin	PT Bukit Timah*	Indonesia
Tin	PT Cipta Persada Mulia*	Indonesia
Tin	PT DS Jaya Abadi	Indonesia
Tin	PT Eunindo Usaha Mandiri	Indonesia
Tin	PT Fang Di MulTindo	Indonesia
Tin	PT HP Metals Indonesia	Indonesia
Tin	PT Inti Stania Prima	Indonesia
Tin	PT Justindo	Indonesia
Tin	PT Karimun Mining	Indonesia
Tin	PT Kijang Jaya Mandiri	Indonesia
Tin	PT Lautan Harmonis Sejahtera	Indonesia
Tin	PT Menara Cipta Mulia*	Indonesia
Tin	PT Mitra Stania Prima*	Indonesia
Tin	PT Mitra Sukses Globalindo*	Indonesia
Tin	PT Panca Mega Persada	Indonesia
Tin	PT Premium Tin Indonesia*	Indonesia
Tin	PT Prima Timah Utama*	Indonesia
Tin	PT Rajawali Rimba Perkasa*	Indonesia
Tin	PT Rajehan Ariq*	Indonesia

Tin	PT Refined Bangka Tin*	Indonesia
Tin	PT Sariwiguna Binasentosa*	Indonesia
Tin	PT Seirama Tin Investment	Indonesia
Tin	PT Stanindo Inti Perkasa*	Indonesia
Tin	PT Sukses Inti Makmur*	Indonesia
Tin	PT Sumber Jaya Indah	Indonesia
Tin	PT Timah (Persero) Tbk Kundur*	Indonesia
Tin	PT Timah (Persero) Tbk Mentok*	Indonesia
Tin	PT Timah Nusantara	Indonesia
Tin	PT Tinindo Inter Nusa	Indonesia
Tin	PT Tirus Putra Mandiri	Indonesia
Tin	PT Tommy Utama*	Indonesia
Tin	PT Yinchendo Mining Industry	Indonesia
Tin	Resind Industria e Comercio Ltda.*	Brazil
Tin	Rui Da Hung*	Taiwan, Province Of China
Tin	SEVELAR	Spain
Tin	shen zhen qi xiang da hua gong gong si	China
Tin	Shenzhen Hong Chang Metal Manufacturing Factory	China
Tin	Sigma Group	China
Tin	Soft Metais Ltda.	Brazil
Tin	Stanchem Sp.j. (trader)	Indonesia
Tin	Super Ligas	Brazil
Tin	Taicang City Nancang Metal Meterial Co.,Ltd	China
Tin	Taiwan high-tech Co., Ltd.	Taiwan, Province Of China
Tin	Taiwan's lofty Enterprises Ltd.	Taiwan, Province Of China
Tin	Thai Nguyen Mining and Metallurgy Co., Ltd.*	Viet Nam
Tin	Thaisarco*	Thailand
Tin	Tin Technology & Refining*	United States Of America
Tin	TOP-TEAM TECHNOLOGY (SHENZHEN) LIMITED	China
Tin	Tuyen Quang Non-Ferrous Metals Joint Stock Company	Viet Nam
Tin	VQB Mineral and Trading Group JSC	Viet Nam
Tin	Wang Yu Manufacturing Co. Ltd.	China
Tin	Westmetall GmbH & Co.KG	Germany
Tin	White Solder Metalurgia e Mineraçao Ltda.*	Brazil
Tin	Wu Xi Shi Yi Zheng Ji Xie She Bei Company	China
Tin	Wuxi Lantronic Electronic Co Ltd	China
Tin	Xin Furukawa Metal (Wuxi) Co., Ltd.	China
Tin	XURI	China
Tin	Yifeng Tin	China
Tin	Yunnan Chengfeng Non-ferrous Metals Co., Ltd.*	China
Tin	Yunnan Industrial Co., Ltd.	China
Tin	Yunnan Tin Company Limited*	China
Tin	Yunnan Yunfan Non-ferrous Metals Co., Ltd.	China
Tungsten	A.L.M.T. TUNGSTEN Corp.*	Japan

Tungsten	ACL Metais Eireli	Brazil
Tungsten	Albasteel Industria e Comercio de Ligas Para Fundicao Ltd.	Brazil
Tungsten	Artek LLC	Russian Federation
Tungsten	Asia Tungsten Products Vietnam Ltd.*	Viet Nam
Tungsten	Chenzhou Diamond Tungsten Products Co., Ltd.*	China
Tungsten	China Molybdenum Co., Ltd.*	China
Tungsten	Chongyi Zhangyuan Tungsten Co., Ltd.*	China
Tungsten	CNMC (Guangxi) PGMA Co., Ltd.	China
Tungsten	Cronimet Brasil Ltda*	Brazil
Tungsten	Dayu Jincheng Tungsten Industry Co., Ltd.	China
Tungsten	Dayu Weiliang Tungsten Co., Ltd.	China
Tungsten	Fujian Ganmin RareMetal Co., Ltd.*	China
Tungsten	Fujian Jinxin Tungsten Co., Ltd.	China
Tungsten	Ganzhou Haichuang Tungsten Co., Ltd.*	China
Tungsten	Ganzhou Huaxing Tungsten Products Co., Ltd.*	China
Tungsten	Ganzhou Jiangwu Ferrotungsten Co., Ltd.*	China
Tungsten	Ganzhou Non-ferrous Metals Smelting Co., Ltd.	China
Tungsten	Ganzhou Seadragon W & Mo Co., Ltd.*	China
Tungsten	GEM Co., Ltd.*	China
Tungsten	Global Tungsten & Powders Corp.*	United States Of America
Tungsten	Guangdong Xianglu Tungsten Co., Ltd.*	China
Tungsten	H.C. Starck Group	Germany
Tungsten	H.C. Starck Tungsten GmbH*	Germany
Tungsten	H.C. Starck Smelting GmbH & Co. KG*	Germany
Tungsten	Hunan Chenzhou Mining Co., Ltd.*	China
Tungsten	Hunan Chuangda Vanadium Tungsten Co., Ltd. Wuji	China
Tungsten	Hunan Chuangda Vanadium Tungsten Co., Ltd. Yanglin	China
Tungsten	Hunan Chunchang Nonferrous Metals Co., Ltd.	China
Tungsten	Hunan Litian Tungsten Industry Co., Ltd.	China
Tungsten	Hydrometallurg, JSC	Russian Federation
Tungsten	Japan New Metals Co., Ltd.*	Japan
Tungsten	Jiangwu H.C. Starck Tungsten Products Co., Ltd.*	China
Tungsten	Jiangxi Dayu Longxintai Tungsten Co., Ltd.	China
Tungsten	Jiangxi Gan Bei Tungsten Co., Ltd.*	China
Tungsten	Jiangxi Minmetals Gao'an Non-ferrous Metals Co., Ltd.	China
Tungsten	Jiangxi Tonggu Non-ferrous Metallurgical & Chemical Co., Ltd.*	China
Tungsten	Jiangxi Xinsheng Tungsten Industry Co., Ltd.*	China
Tungsten	Jiangxi Xiushui Xianggan Nonferrous Metals Co., Ltd.	China
Tungsten	Jiangxi Yaosheng Tungsten Co., Ltd.*	China
Tungsten	JSC "Kirovgrad Hard Alloys Plant"	Russian Federation
Tungsten	Kennametal Fallon*	United States Of America
Tungsten	Kennametal Huntsville*	United States Of America
Tungsten	KGETS Co., Ltd.*	Korea, Republic Of
Tungsten	Lianyou Metals Co., Ltd.*	Taiwan, Province Of China

Tungsten	Malipo Haiyu Tungsten Co., Ltd.*	China
Tungsten	Masan High-Tech Materials*	Viet Nam
Tungsten	Mehra Ferro-Alloys Pvt. Ltd.	India
Tungsten	Moliren Ltd.	Russian Federation
Tungsten	Niagara Refining LLC*	United States Of America
Tungsten	NPP Tyazhmetprom LLC	Russian Federation
Tungsten	Philippine Chuangxin Industrial Co., Inc.*	Philippines
Tungsten	Pobedit, JSC	Russian Federation
Tungsten	Sanher Tungsten Vietnam Co., Ltd.	Viet Nam
Tungsten	South-East Nonferrous Metal Company Limited of Hengyang City	China
Tungsten	Tejing (Vietnam) Tungsten Co., Ltd.	Viet Nam
Tungsten	Unecha Refractory metals plant	Russian Federation
Tungsten	Vietnam Youngsun Tungsten Industry Co., Ltd.	Viet Nam
Tungsten	Wolfram Bergbau und Hutten AG*	Austria
Tungsten	Woltech Korea Co., Ltd.	Korea, Republic Of
Tungsten	Xiamen Tungsten (H.C.) Co., Ltd.*	China
Tungsten	Xiamen Tungsten Co., Ltd.*	China
Tungsten	Xinfeng Huarui Tungsten & Molybdenum New Material Co., Ltd.*	China
Tungsten	Xinhai Rendan Shaoguan Tungsten Co., Ltd.	China
Tungsten	Zhuzhou Cement Carbide	China

APPENDIX B

The information in this Appendix B is an aggregation of data provided by the Company's Suppliers to its Machine business together with the RMI's RCOI Report which is available to RMI Members.

Australia	Guyana	Russian Federation
Benin	India	Rwanda
Bolivia (Plurinational State of)	Indonesia	Sierra Leone
Brazil	Laos	South Africa
Burundi	Malaysia	South Korea
Canada	Mexico	Spain
Chile	Mozambique	Swaziland
China	Myanmar	Sweden
Colombia	Namibia	Tanzania
Congo, Democratic Republic of the	Nicaragua	Thailand
Ecuador	Niger	United Kingdom
Eritrea	Nigeria	United States of America
Ethiopia	Papua New Guinea	Uzbekistan
France	Peru	Vietnam
Ghana	Philippines	Zimbabwe
Guinea	Portugal	