

**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION**  
Washington, D.C. 20549

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**FORM SD**

**Specialized Disclosure Report**

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**Harsco Corporation**

(Exact name of registrant as specified in its charter)

**Delaware**  
(State or other jurisdiction  
of incorporation)

**001-03970**  
(Commission  
File Number)

**23-1483991**  
(IRS Employer  
Identification No.)

**350 Poplar Church Road**  
**Camp Hill, Pennsylvania**  
(Address of principal executive offices)

**17011**  
(Zip Code)

**Russell C. Hochman** (717) 763-7064  
(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, 2016.

## **Section 1 - Conflict Minerals Disclosure**

### **Item 1.01 Conflict Minerals Disclosure and Report**

In accordance with the disclosure requirements promulgated by the U.S. Securities and Exchange Commission, Harsco Corporation (“we,” “our,” “us,” “Harsco,” or the “Company”) has undertaken efforts to determine the Company’s conflict minerals<sup>1</sup> reporting requirements for the period from January 1 to December 31, 2016.

#### **Conflict Minerals Disclosure**

The Company has filed this Specialized Disclosure Report and the associated Conflict Minerals Report, which appears as Exhibit 1.01 hereto and is publicly available on the Company’s website at <http://www.harsco.com/about-us/safety-and-environment.aspx>.

#### **Reasonable Country of Origin Inquiry Information**

The Company has conducted a good faith reasonable country of origin inquiry (“RCOI”) to determine whether the necessary conflict minerals originated in the DRC or an adjoining country or came from recycled or scrap sources. The Company’s RCOI process included conducting an inquiry of our direct suppliers using the Conflict-Free Sourcing Initiative’s (“CFSI”) Conflict Minerals Reporting Template (“CMRT”). Based on the results of the RCOI which indicated sourcing from the covered countries, the Company exercised due diligence on the source and chain of custody of the conflict minerals in accordance with the *Organization for Economic Co-operation and Development (“OECD”) Due Diligence Guidance for Responsible Supply Chains of Minerals from Conflict-Affected and High-Risk Areas*<sup>2</sup>. The due diligence efforts are discussed further in this Conflict Minerals Report.

#### **Item 1.02 Exhibit**

The Company’s Conflict Minerals Report is filed as Exhibit 1.01 hereto.

## **Section 2 - Exhibits**

### **Item 2.01 Exhibits**

The following exhibit is filed as part of this report.

Exhibit 1.01 - Harsco Corporation’s Conflict Minerals Report for the period January 1 to December 31, 2016.

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<sup>1</sup> The term “conflict mineral” is defined in Section 1502(e)(4) of the Dodd-Frank Wall Street Reform and Consumer Protection Act as (A) columbite-tantalite, also known as coltan (the metal ore from which tantalum is extracted); cassiterite (the metal ore from which tin is extracted); gold; wolframite (the metal ore from which tungsten is extracted); 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 (“DRC”) or an adjoining country.

<sup>2</sup> OECD (2013), OECD Due Diligence Guidance for Responsible Supply Chains of Minerals from Conflict-Affected and High-Risk Areas: Second Edition, OECD Publishing. <http://dx.doi.org/10.1787/9789264185050-en>.

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**SIGNATURE**

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 duly authorized undersigned.

Harsco Corporation

By: /s/ Russell C. Hochman

Date: May 31, 2017

Russell C. Hochman

Senior Vice President, General Counsel, Chief Compliance  
Officer & Corporate Secretary

CONFLICT MINERALS REPORT OF  
**HARSCO CORPORATION**  
FOR THE REPORTING PERIOD FROM  
JANUARY 1 TO DECEMBER 31, 2016

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## I. Introduction

This is the Conflict Minerals<sup>1</sup> Report of Harsco Corporation (“we,” “our,” “us,” “Harsco,” or the “Company”) prepared for calendar year 2016 in accordance with Rule 13p-1 (“Rule 13p-1”) under the Securities Exchange Act of 1934 (the “Act”). Numerous terms in this Report are defined in Rule 13p-1 of the Act and Form SD and the reader is referred to those sources, and also to Release No. 34-67716 (August 22, 2012) of the Act (the “Adopting Release”) for such definitions.

In accordance with Rule 13p-1, we undertook efforts to determine the content and source of the minerals within our products. The Company designed its efforts in conformity with the internationally recognized due diligence framework put forth in the *Organisation for Economic Co-operation and Development (“OECD”) Due Diligence Guidance for Responsible Supply Chains of Minerals from Conflict-Affected and High-Risk Areas*<sup>2</sup> (“OECD Due Diligence Guidance”) and related Supplements.

The statements below are based on the activities performed to date and in good faith by the Company and are based on the infrastructure and information available at the time of this filing. Factors that could affect the accuracy of these statements include, but are not limited to, incomplete supplier data or available smelter data, errors or omissions by suppliers or smelters, evolving definition and confirmation of smelters, incomplete information from industry or other third-party sources, continuing guidance regarding the U.S. Securities and Exchange Commission (the “SEC”) final rules, and other issues.

## II. Overview

### Company Profile

The Company is a diversified, multinational provider of industrial services and engineered products serving global industries that are fundamental to worldwide economic growth and infrastructure development. The Company's operations consist of three reportable segments: Harsco Metals & Minerals, Harsco Industrial and Harsco Rail. The Company has locations in approximately 30 countries, including the U.S. The Company was incorporated in 1956.

We are subject to this rule as we have determined that, during 2016, conflict minerals were likely necessary to the functionality or production of products we manufactured or contracted to manufacture. The Company, as a purchaser of component parts, is many steps removed from the mining of conflict minerals. We do not purchase raw ore or unrefined conflict minerals and we conduct no purchasing activities directly in the covered countries.

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<sup>1</sup> The term “conflict mineral” is defined in Section 1502(e)(4) of the Dodd-Frank Wall Street Reform and Consumer Protection Act as (A) columbite-tantalite, also known as coltan (the metal ore from which tantalum is extracted); cassiterite (the metal ore from which tin is extracted); gold; wolframite (the metal ore from which tungsten is extracted); 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 (“DRC”) or an adjoining country.

<sup>2</sup> OECD (2016), OECD Due Diligence Guidance for Responsible Supply Chains of Minerals from Conflict-Affected and High-Risk Areas: Third Edition, OECD Publishing, Paris. <http://dx.doi.org/10.1787/9789264252479-en>

## **Conflict Minerals Policy**

The Company developed a policy statement to support the goals expressed by Congress in enacting Section 1502 of the Dodd-Frank Wall Street Reform and Consumer Protection Act. The policy highlights the Company's commitment to complying with the reporting and due diligence obligations required by SEC rules and regulations, and the Company's expectations from its suppliers. In addition, the policy includes language encouraging suppliers to source responsibly. The policy resides on our corporate website (<http://www.harsco.com/about-us/safety-and-environment.aspx>).

## **Reasonable Country of Origin Inquiry Information**

We have conducted a good faith reasonable country of origin inquiry ("RCOI") to determine whether the necessary conflict minerals originated in the DRC or an adjoining country or came from recycled or scrap sources.

We began our RCOI by identifying product categories and consumables that may contain conflict minerals. Initial product categories and consumables within this scope included fittings, paint, motors, coatings, air motors, admiralty brass, pipes, welding wire, wire, electrical fittings, lubricants, glass, bushings, electronics, cables, steel parts, fabricated parts, machine parts, castings, hydraulic parts, bearings, power transmissions and tubular parts. Using information derived from Harsco's procurement systems, supplemented by information supplied by personnel in Harsco's divisional supply chain, we produced a list of direct suppliers of components and raw materials that may contain conflict minerals. We then conducted a good faith RCOI to determine whether the necessary conflict minerals originated in the DRC or an adjoining country or came from recycled or scrap sources. Our RCOI process included conducting an inquiry of our direct suppliers using the Conflict-Free Sourcing Initiative's ("CFSI") Conflict Minerals Reporting Template ("CMRT"). We sent reminders to those suppliers that did not respond to our request to complete a CMRT. Based on the results of our RCOI which indicated sourcing from the covered countries, we exercised due diligence on the source and chain of custody of the conflict minerals in accordance with the OECD framework. Our due diligence efforts are discussed further in this Conflict Minerals Report.

Our operations fall into three reportable segments: Harsco Metals & Minerals, Harsco Industrial, and Harsco Rail.

## **Due Diligence Program Design**

The Company designed its conflict minerals program to conform, in all material respects, with the five-step framework of the OECD Due Diligence Guidance, the Supplement on Tin, Tantalum, and Tungsten, and the Supplement on Gold, specifically as they relate to our position in the minerals supply chain as a "downstream" company:

- Step 1: Establish strong company management systems
- Step 2: Identify and assess risks in the supply chain
- Step 3: Design and implement a strategy to respond to identified risks
- Step 4: Carry out independent third-party audit of smelter/refiner's due diligence practices
- Step 5: Report annually on supply chain due diligence.

### **III. Due Diligence Measures Performed by The Company**

The following describes the measures taken to reasonably determine the country of origin and to exercise due diligence in the mineral supply chain in conformance with the OECD Due Diligence Guidance.

Step 1: Establish strong company management systems

- a. Conflict minerals team - The Company established a conflict minerals team that includes individuals from the relevant business units and departments, including compliance, finance, procurement, sales, engineering and legal. The team was structured to include the involvement from those in upper management roles to ensure critical information, including the Company's conflict minerals policy reached relevant employees and suppliers.
- b. Conflict minerals policy - The Company adopted and published a policy establishing the expectations of our suppliers. The policy resides on our corporate website.

- c. Internal engagement - We developed a training program for internal use to educate relevant employees on our conflict minerals program and reporting obligations.
- d. Supplier engagement - The Company communicated its conflict minerals policy and provided educational materials to our queried suppliers. Suppliers were provided information on the conflict minerals disclosure requirements as well as recommendations for developing, implementing, and documenting a conflict minerals compliance program.
- e. Company level grievance mechanism - As recommended by the OECD Due Diligence Guidance, the Company has a grievance mechanism in place as a risk-awareness system for conflict minerals issues. The Company has an integrity hotline that is operated by a third-party.
- f. Records management - The Company will maintain records relating to our conflict minerals program in accordance with the recommended record retention guidelines of five years.

#### Step 2: Identify and assess risks in the supply chain

We performed the following steps as part of our risk assessment process:

- a. Identified products in scope - Our conflict minerals team conducted a detailed review of the products manufactured or contracted to be manufactured during the Reporting Period to identify products that should be deemed in-scope as described by the Adopting Release.
- b. Conducted RCOI - The Company utilized the industry-developed CMRT to query our suppliers for conflict minerals information. We requested this information from the Tier 1 suppliers who provide material and components for the products deemed in-scope by our conflict minerals team. We evaluated the responses from the templates submitted by our suppliers to determine our reporting obligation based on this RCOI. See Appendix I for a list of countries of origin identified through the RCOI process.
- c. Completed additional follow-up - The Company contacted direct suppliers that did not respond to our request for conflict minerals information by the requested date. We also worked to clarify and validate the accuracy of information provided by our suppliers.
- d. Identified smelters or refiners (“SORs”) - The Company compiled a list of SORs in our supply chain using our supplier’s responses in their CMRTs. The Company reconciled this list to the list of smelter facilities designated by the CFSI’s Conflict-Free Smelter Program. We have provided that list in this report.

#### Step 3: Design and implement a strategy to respond to identified risks

We performed the following steps as part of our risk management plan:

- a. Designed and implemented a plan - The Company used established risk rating criteria to evaluate suppliers based on the responses provided within their CMRT, as well as any additional documentation furnished to support those responses and the suppliers’ due diligence processes. In the coming year, the resulting risk ratings will be used to develop specific supplier outreach and training to address the identified risks and to take corrective actions with suppliers found not in compliance with the Company’s conflict minerals policy.
- b. Verified SORs - As part of the risk mitigation process, the Company reconciled the list of SORs collected from suppliers to the list of smelter facilities identified by the CFSI’s Conflict-Free Smelter Program.

#### Step 4: Carry out independent third-party audit of smelter/refiner's due diligence practices

The Company is using information provided by independent third party audit programs, including the CFSI, London Bullion Market Association (LBMA) and Responsible Jewelry Council (RJC), to confirm the existence and verify the conflict-free status of SORs identified during our due diligence.

#### Step 5: Report annually on supply chain due diligence

Accordingly, this Conflict Minerals Report has been filed with the SEC and is available on our website at <http://www.harsco.com/about-us/safety-and-environment.aspx>.

#### IV. Product Description; Processing Facilities

**Product Description** - Harsco's operations fall into three reportable segments: Harsco Metals & Minerals, Harsco Industrial and Harsco Rail.

##### Harsco Metals & Minerals

The Harsco Metals & Minerals Segment is one of the world's largest providers of on-site services for material logistics, product quality improvement and resource recovery from iron, steel and metals manufacturing.

The Minerals business extracts high-value metallic content from stainless steel by-products and also specializes in the development of minerals technologies for commercial applications, including agriculture fertilizers. The Minerals business also produces industrial abrasives and roofing granules from power-plant utility coal slag at a number of locations throughout the U.S. Harsco Minerals' BLACK BEAUTY® abrasives are used for industrial surface preparation, such as rust removal and cleaning of bridges, ship hulls and various structures. Roofing granules are sold to residential roofing shingle manufacturers in the U.S., primarily for the replacement roofing market. This business is one of the largest U.S. producers of slag abrasives and residential roofing granules.

##### Harsco Industrial

The Harsco Industrial Segment includes the Harsco Industrial Air-X-Changers, Harsco Industrial IKG and Harsco Industrial Patterson-Kelley businesses.

Harsco Industrial Air-X-Changers is a leading supplier of custom-engineered and manufactured air-cooled heat exchangers for the natural gas, natural gas processing and petrochemical industries in the U.S. Harsco Industrial Air-X-Changers' heat exchangers are the primary apparatus used to condition natural gas during recovery, compression and transportation from underground reserves through the major pipeline distribution channels.

Harsco Industrial IKG manufactures a varied line of industrial grating and high-security fencing products at several plants in the U.S. and international plants located in Mexico and China. These products include a full range of metal bar grating configurations, which are used mainly in industrial flooring, as well as safety and security applications in the energy, paper, chemical, refining and processing industries. Harsco Industrial IKG also produces GrateGuard™, a fencing solution for first-line physical security.

Harsco Industrial Patterson-Kelley is a leading manufacturer of energy-efficient heat transfer products such as boilers and water heaters for commercial and institutional applications.

##### Harsco Rail

The Harsco Rail Segment is a global provider of equipment, after-market parts and services for the maintenance, repair and construction of railway track. The Segment's equipment and services support private and government-owned railroads and urban transit systems worldwide.

**Processing Facilities** - Based on our due diligence process and the information received from our suppliers, the following facilities were identified by the Company's suppliers as the smelters and refiners of the tin, tantalum, tungsten and/or gold present in and necessary to the functionality of products manufactured by the Company in the year ended. The information from our suppliers is still evolving and may contain company level declarations. As such, this smelter list is presented in good faith as the best information we have to date. This list may contain smelters that are not in our supply chain and there may be other smelters not yet identified in our due diligence process. We will continue to update the list as our information and the relevant third-party data from CFSI, LBMA, and RJC improves.

<b>Metal</b>	<b>Standard Smelter Names</b>	<b>Country</b>	<b>Smelter ID</b>
Gold	Advanced Chemical Company	UNITED STATES OF AMERICA	CID000015
Gold	Aida Chemical Industries Co., Ltd.	JAPAN	CID000019
Gold	Allgemeine Gold-und Silberscheideanstalt A.G.	GERMANY	CID000035
Gold	Almalyk Mining and Metallurgical Complex (AMMC)	UZBEKISTAN	CID000041
Gold	Argor-Heraeus S.A.	SWITZERLAND	CID000077
Gold	Asaka Riken Co., Ltd.	JAPAN	CID000090
Gold	Atasay Kuyumculuk Sanayi Ve Ticaret A.S.	TURKEY	CID000103
Gold	Aurubis AG	GERMANY	CID000113
Gold	Bangalore Refinery	INDIA	CID002863
Gold	Bangko Sentral ng Pilipinas (Central Bank of the Philippines)	PHILIPPINES	CID000128
Gold	Boliden AB	SWEDEN	CID000157
Gold	C. Hafner GmbH + Co. KG	GERMANY	CID000176
Gold	Caridad	MEXICO	CID000180
Gold	CCR Refinery - Glencore Canada Corporation	CANADA	CID000185
Gold	Cendres + Metaux S.A.	SWITZERLAND	CID000189
Gold	Chimet S.p.A.	ITALY	CID000233
Gold	Chugai Mining	JAPAN	CID000264
Gold	Daejin Indus Co., Ltd.	KOREA, PEOPLE'S REPUBLIC OF	CID000328
Gold	Daye Non-Ferrous Metals Mining Ltd.	CHINA	CID000343
Gold	DODUCO GmbH	GERMANY	CID000362
Gold	Dowa	JAPAN	CID000401
Gold	DSC (Do Sung Corporation)	KOREA, PEOPLE'S REPUBLIC OF	CID000359
Gold	Eco-System Recycling Co., Ltd.	JAPAN	CID000425
Gold	Emirates Gold DMCC	UNITED ARAB EMIRATES	CID002561
Gold	Gansu Seemine Material Hi-Tech Co., Ltd.	CHINA	CID000522
Gold	Geib Refining Corporation	UNITED STATES OF AMERICA	CID002459
Gold	Gold Refinery of Zijin Mining Group Co., Ltd.	CHINA	CID002243
Gold	Great Wall Precious Metals Co., Ltd. of CBPM	CHINA	CID001909
Gold	Guangdong Jinding Gold Limited	CHINA	CID002312
Gold	Guoda Safina High-Tech Environmental Refinery Co., Ltd.	CHINA	CID000651
Gold	Hangzhou Fuchunjiang Smelting Co., Ltd.	CHINA	CID000671
Gold	Heimerle + Meule GmbH	GERMANY	CID000694
Gold	Heraeus Precious Metals GmbH & Co. KG	GERMANY	CID000711
Gold	Hunan Chenzhou Mining Co., Ltd.	CHINA	CID000767
Gold	HwaSeong CJ CO., LTD.	KOREA, PEOPLE'S REPUBLIC OF	CID000778
Gold	Inner Mongolia Qiankun Gold and Silver Refinery Share Co., Ltd.	CHINA	CID000801
Gold	Ishifuku Metal Industry Co., Ltd.	JAPAN	CID000807
Gold	Istanbul Gold Refinery	TURKEY	CID000814
Gold	Japan Mint	JAPAN	CID000823
Gold	Jiangxi Copper Co., Ltd.	CHINA	CID000855
Gold	JSC Ekaterinburg Non-Ferrous Metal Processing Plant	RUSSIAN FEDERATION	CID000927
Gold	JSC Uralelectromed	RUSSIAN FEDERATION	CID000929
Gold	JX Nippon Mining & Metals Co., Ltd.	JAPAN	CID000937
Gold	Kazakhmys Smelting LLC	KAZAKHSTAN	CID000956
Gold	Kazzinc	KAZAKHSTAN	CID000957
Gold	Kennecott Utah Copper LLC	UNITED STATES OF AMERICA	CID000969
Gold	KGHM Polska Miedz Spolka Akcyjna	POLAND	CID002511
Gold	Kojima Chemicals Co., Ltd.	JAPAN	CID000981
Gold	Korea Zinc Co., Ltd.	KOREA, PEOPLE'S REPUBLIC OF	CID002605



Gold	Kyrgyzaltyn JSC	KYRGYZSTAN	CID001029
Gold	Kyshtym Copper-Electrolytic Plant ZAO	RUSSIAN FEDERATION	CID002865
Gold	Lingbao Gold Co., Ltd.	CHINA	CID001056
Gold	Lingbao Jinyuan Tonghui Refinery Co., Ltd.	CHINA	CID001058
Gold	LS-NIKKO Copper Inc.	KOREA, PEOPLE'S REPUBLIC OF	CID001078
Gold	Luoyang Zijin Yinhui Gold Refinery Co., Ltd.	CHINA	CID001093
Gold	Materion	UNITED STATES OF AMERICA	CID001113
Gold	Matsuda Sangyo Co., Ltd.	JAPAN	CID001119
Gold	Metalurgica Met-Mex Penoles S.A. De C.V.	MEXICO	CID001161
Gold	Mitsubishi Materials Corporation	JAPAN	CID001188
Gold	Mitsui Mining and Smelting Co., Ltd.	JAPAN	CID001193
Gold	MMTC-PAMP India Pvt., Ltd.	INDIA	CID002509
Gold	Morris and Watson	NEW ZEALAND	CID002282
Gold	Moscow Special Alloys Processing Plant	RUSSIAN FEDERATION	CID001204
Gold	Nadir Metal Rafineri San. Ve Tic. A.S.	TURKEY	CID001220
Gold	Navoi Mining and Metallurgical Combinat	UZBEKISTAN	CID001236
Gold	Nihon Material Co., Ltd.	JAPAN	CID001259
Gold	Ogussa Osterreichische Gold- und Silber-Scheideanstalt GmbH	AUSTRIA	CID002779
Gold	Ohura Precious Metal Industry Co., Ltd.	JAPAN	CID001325
Gold	OJSC "The Gulidov Krasnoyarsk Non-Ferrous Metals Plant" (OJSC Krastsvetmet)	RUSSIAN FEDERATION	CID001326
Gold	OJSC Novosibirsk Refinery	RUSSIAN FEDERATION	CID000493
Gold	PAMP S.A.	SWITZERLAND	CID001352
Gold	Penglai Penggang Gold Industry Co., Ltd.	CHINA	CID001362
Gold	Prioksky Plant of Non-Ferrous Metals	RUSSIAN FEDERATION	CID001386
Gold	PT Aneka Tambang (Persero) Tbk	INDONESIA	CID001397
Gold	PX Precinox S.A.	SWITZERLAND	CID001498
Gold	Rand Refinery (Pty) Ltd.	SOUTH AFRICA	CID001512
Gold	Remondis Argentia B.V.	NETHERLANDS	CID002582
Gold	Republic Metals Corporation	UNITED STATES OF AMERICA	CID002510
Gold	Royal Canadian Mint	CANADA	CID001534
Gold	SAAMP	FRANCE	CID002761
Gold	Sabin Metal Corp.	UNITED STATES OF AMERICA	CID001546
Gold	SAFINA A.S.	CZECH REPUBLIC	CID002290
Gold	Samduck Precious Metals	KOREA, PEOPLE'S REPUBLIC OF	CID001555
Gold	Samwon Metals Corp.	KOREA, PEOPLE'S REPUBLIC OF	CID001562
Gold	SAXONIA Edelmetalle GmbH	GERMANY	CID002777
Gold	Schone Edelmetaal B.V.	NETHERLANDS	CID001573
Gold	SEMPSA Joyeria Plateria S.A.	SPAIN	CID001585
Gold	Shandong Tiancheng Biological Gold Industrial Co., Ltd.	CHINA	CID001619
Gold	Shandong Zhaojin Gold & Silver Refinery Co., Ltd.	CHINA	CID001622
Gold	Sichuan Tianze Precious Metals Co., Ltd.	CHINA	CID001736
Gold	Singway Technology Co., Ltd.	TAIWAN, PROVINCE OF CHINA	CID002516
Gold	So Accurate Group, Inc.	UNITED STATES OF AMERICA	CID001754
Gold	SOE Shyolkovsky Factory of Secondary Precious Metals	RUSSIAN FEDERATION	CID001756
Gold	Solar Applied Materials Technology Corp.	TAIWAN, PROVINCE OF CHINA	CID001761
Gold	Sumitomo Metal Mining Co., Ltd.	JAPAN	CID001798
Gold	T.C.A S.p.A	ITALY	CID002580
Gold	Tanaka Kikinzoku Kogyo K.K.	JAPAN	CID001875
Gold	The Refinery of Shandong Gold Mining Co., Ltd.	CHINA	CID001916
Gold	Tokuriki Honten Co., Ltd.	JAPAN	CID001938
Gold	Tongling Nonferrous Metals Group Co., Ltd.	CHINA	CID001947
Gold	Torecom	KOREA, PEOPLE'S REPUBLIC OF	CID001955

Gold	Umicore Brasil Ltda.	BRAZIL	CID001977
Gold	Umicore Precious Metals Thailand	THAILAND	CID002314
Gold	Umicore S.A. Business Unit Precious Metals Refining	BELGIUM	CID001980
Gold	United Precious Metal Refining, Inc.	UNITED STATES OF AMERICA	CID001993
Gold	Valcambi S.A.	SWITZERLAND	CID002003
Gold	Western Australian Mint (T/a The Perth Mint)	AUSTRALIA	CID002030
Gold	WIELAND Edelmetalle GmbH	GERMANY	CID002778
Gold	Yamamoto Precious Metal Co., Ltd.	JAPAN	CID002100
Gold	Yokohama Metal Co., Ltd.	JAPAN	CID002129
Gold	Zhongyuan Gold Smelter of Zhongjin Gold Corporation	CHINA	CID002224
Tantalum	Changsha South Tantalum Niobium Co., Ltd.	CHINA	CID000211
Tantalum	Conghua Tantalum and Niobium Smeltry	CHINA	CID000291
Tantalum	D Block Metals, LLC	UNITED STATES OF AMERICA	CID002504
Tantalum	Duoluoshan	CHINA	CID000410
Tantalum	Exotech Inc.	UNITED STATES OF AMERICA	CID000456
Tantalum	F&X Electro-Materials Ltd.	CHINA	CID000460
Tantalum	FIR Metals & Resource Ltd.	CHINA	CID002505
Tantalum	Global Advanced Metals Aizu	JAPAN	CID002558
Tantalum	Global Advanced Metals Boyertown	UNITED STATES OF AMERICA	CID002557
Tantalum	Guangdong Zhiyuan New Material Co., Ltd.	CHINA	CID000616
Tantalum	H.C. Starck Co., Ltd.	THAILAND	CID002544
Tantalum	H.C. Starck Hermsdorf GmbH	GERMANY	CID002547
Tantalum	H.C. Starck Inc.	UNITED STATES OF AMERICA	CID002548
Tantalum	H.C. Starck Ltd.	JAPAN	CID002549
Tantalum	H.C. Starck Smelting GmbH & Co. KG	GERMANY	CID002550
Tantalum	Hengyang King Xing Lifeng New Materials Co., Ltd.	CHINA	CID002492
Tantalum	Hi-Temp Specialty Metals, Inc.	UNITED STATES OF AMERICA	CID000731
Tantalum	Jiangxi Dinghai Tantalum & Niobium Co., Ltd.	CHINA	CID002512
Tantalum	Jiangxi Tuohong New Raw Material	CHINA	CID002842
Tantalum	JiuJiang JinXin Nonferrous Metals Co., Ltd.	CHINA	CID000914
Tantalum	Jiujiang Zhongao Tantalum & Niobium Co., Ltd.	CHINA	CID002506
Tantalum	KEMET Blue Metals	MEXICO	CID002539
Tantalum	KEMET Blue Powder	UNITED STATES OF AMERICA	CID002568
Tantalum	King-Tan Tantalum Industry Ltd.	CHINA	CID000973
Tantalum	LSM Brasil S.A.	BRAZIL	CID001076
Tantalum	Metallurgical Products India Pvt., Ltd.	INDIA	CID001163
Tantalum	Mineracao Taboca S.A.	BRAZIL	CID001175
Tantalum	Mitsui Mining and Smelting Co., Ltd.	JAPAN	CID001192
Tantalum	Ningxia Orient Tantalum Industry Co., Ltd.	CHINA	CID001277
Tantalum	QuantumClean	UNITED STATES OF AMERICA	CID001508
Tantalum	Resind Industria e Comercio Ltda.	BRAZIL	CID002707
Tantalum	RFH Tantalum Smeltry Co., Ltd.	CHINA	CID001522
Tantalum	Solikamsk Magnesium Works OAO	RUSSIAN FEDERATION	CID001769
Tantalum	Taki Chemical Co., Ltd.	JAPAN	CID001869
Tantalum	Telex Metals	UNITED STATES OF AMERICA	CID001891
Tantalum	Ulba Metallurgical Plant JSC	KAZAKHSTAN	CID001969
Tantalum	XinXing HaoRong Electronic Material Co., Ltd.	CHINA	CID002508
Tantalum	Yichun Jin Yang Rare Metal Co., Ltd.	CHINA	CID002307
Tantalum	Zhuzhou Cemented Carbide Group Co., Ltd.	CHINA	CID002232
Tin	Alpha	UNITED STATES OF AMERICA	CID000292
Tin	An Thai Minerals Co., Ltd.	VIET NAM	CID002825
Tin	An Vinh Joint Stock Mineral Processing Company	VIET NAM	CID002703
Tin	China Tin Group Co., Ltd.	CHINA	CID001070
Tin	CNMC (Guangxi) PGMA Co., Ltd.	CHINA	CID000278

Tin	Cooperativa Metalurgica de Rondonia Ltda.	BRAZIL	CID000295
Tin	CV Ayi Jaya	INDONESIA	CID002570
Tin	CV Dua Sekawan	INDONESIA	CID002592
Tin	CV Gita Pesona	INDONESIA	CID000306
Tin	CV Serumpun Sebalai	INDONESIA	CID000313
Tin	CV Tiga Sekawan	INDONESIA	CID002593
Tin	CV United Smelting	INDONESIA	CID000315
Tin	CV Venus Inti Perkasa	INDONESIA	CID002455
Tin	Dowa	JAPAN	CID000402
Tin	Electro-Mechanical Facility of the Cao Bang Minerals & Metallurgy Joint Stock Company	VIET NAM	CID002572
Tin	EM Vinto	BOLIVIA (PLURINATIONAL STATE OF)	CID000438
Tin	Estanho de Rondonia S.A.	BRAZIL	CID000448
Tin	Fenix Metals	POLAND	CID000468
Tin	Gejiu Fengming Metallurgy Chemical Plant	CHINA	CID002848
Tin	Gejiu Jinye Mineral Company	CHINA	CID002859
Tin	Gejiu Kai Meng Industry and Trade LLC	CHINA	CID000942
Tin	Gejiu Non-Ferrous Metal Processing Co., Ltd.	CHINA	CID000538
Tin	Gejiu Yunxin Nonferrous Electrolysis Co., Ltd.	CHINA	CID001908
Tin	Gejiu Zili Mining And Metallurgy Co., Ltd.	CHINA	CID000555
Tin	Guanyang Guida Nonferrous Metal Smelting Plant	CHINA	CID002849
Tin	HuiChang Hill Tin Industry Co., Ltd.	CHINA	CID002844
Tin	Huichang Jinshunda Tin Co., Ltd.	CHINA	CID000760
Tin	Jiangxi Ketai Advanced Material Co., Ltd.	CHINA	CID000244
Tin	Magnu's Minerais Metais e Ligas Ltda.	BRAZIL	CID002468
Tin	Malaysia Smelting Corporation (MSC)	MALAYSIA	CID001105
Tin	Melt Metais e Ligas S.A.	BRAZIL	CID002500
Tin	Metallic Resources, Inc.	UNITED STATES OF AMERICA	CID001142
Tin	Metallo Belgium N.V.	BELGIUM	CID002773
Tin	Metallo Spain S.L.U.	SPAIN	CID002774
Tin	Mineracao Taboca S.A.	BRAZIL	CID001173
Tin	Minsur	PERU	CID001182
Tin	Mitsubishi Materials Corporation	JAPAN	CID001191
Tin	Modeltech Sdn Bhd	MALAYSIA	CID002858
Tin	Nankang Nanshan Tin Manufactory Co., Ltd.	CHINA	CID001231
Tin	Nghe Tinh Non-Ferrous Metals Joint Stock Company	VIET NAM	CID002573
Tin	O.M. Manufacturing (Thailand) Co., Ltd.	THAILAND	CID001314
Tin	O.M. Manufacturing Philippines, Inc.	PHILIPPINES	CID002517
Tin	Operaciones Metalurgical S.A.	BOLIVIA (PLURINATIONAL STATE OF)	CID001337
Tin	PT Aries Kencana Sejahtera	INDONESIA	CID000309
Tin	PT Artha Cipta Langgeng	INDONESIA	CID001399
Tin	PT ATD Makmur Mandiri Jaya	INDONESIA	CID002503
Tin	PT Babel Inti Perkasa	INDONESIA	CID001402
Tin	PT Bangka Prima Tin	INDONESIA	CID002776
Tin	PT Bangka Tin Industry	INDONESIA	CID001419
Tin	PT Belitung Industri Sejahtera	INDONESIA	CID001421
Tin	PT Bukit Timah	INDONESIA	CID001428
Tin	PT DS Jaya Abadi	INDONESIA	CID001434
Tin	PT Eumindo Usaha Mandiri	INDONESIA	CID001438
Tin	PT Inti Stania Prima	INDONESIA	CID002530
Tin	PT Karimun Mining	INDONESIA	CID001448
Tin	PT Kijang Jaya Mandiri	INDONESIA	CID002829
Tin	PT Mitra Stania Prima	INDONESIA	CID001453

Tin	PT O.M. Indonesia	INDONESIA	CID002757
Tin	PT Panca Mega Persada	INDONESIA	CID001457
Tin	PT Prima Timah Utama	INDONESIA	CID001458
Tin	PT Refined Bangka Tin	INDONESIA	CID001460
Tin	PT Sariwiguna Binasentosa	INDONESIA	CID001463
Tin	PT Stanindo Inti Perkasa	INDONESIA	CID001468
Tin	PT Sukses Inti Makmur	INDONESIA	CID002816
Tin	PT Sumber Jaya Indah	INDONESIA	CID001471
Tin	PT Timah (Persero) Tbk Kundur	INDONESIA	CID001477
Tin	PT Timah (Persero) Tbk Mentok	INDONESIA	CID001482
Tin	PT Tinindo Inter Nusa	INDONESIA	CID001490
Tin	PT Tommy Utama	INDONESIA	CID001493
Tin	Resind Industria e Comercio Ltda.	BRAZIL	CID002706
Tin	Rui Da Hung	TAIWAN, PROVINCE OF CHINA	CID001539
Tin	Soft Metais Ltda.	BRAZIL	CID001758
Tin	Super Ligas	BRAZIL	CID002756
Tin	Thaisarco	THAILAND	CID001898
Tin	Tuyen Quang Non-Ferrous Metals Joint Stock Company	VIET NAM	CID002574
Tin	VQB Mineral and Trading Group JSC	VIET NAM	CID002015
Tin	White Solder Metalurgia e Mineracao Ltda.	BRAZIL	CID002036
Tin	Yunnan Chengfeng Non-ferrous Metals Co., Ltd.	CHINA	CID002158
Tungsten	A.L.M.T. TUNGSTEN Corp.	JAPAN	CID000004
Tungsten	ACL Metais Eireli	BRAZIL	CID002833
Tungsten	Asia Tungsten Products Vietnam Ltd.	VIET NAM	CID002502
Tungsten	Chenzhou Diamond Tungsten Products Co., Ltd.	CHINA	CID002513
Tungsten	Chongyi Zhangyuan Tungsten Co., Ltd.	CHINA	CID000258
Tungsten	Dayu Weiliang Tungsten Co., Ltd.	CHINA	CID000345
Tungsten	Fujian Jinxin Tungsten Co., Ltd.	CHINA	CID000499
Tungsten	Ganzhou Huaxing Tungsten Products Co., Ltd.	CHINA	CID000875
Tungsten	Ganzhou Jiangwu Ferrotungsten Co., Ltd.	CHINA	CID002315
Tungsten	Ganzhou Seadragon W & Mo Co., Ltd.	CHINA	CID002494
Tungsten	Ganzhou Yatai Tungsten Co., Ltd.	CHINA	CID002536
Tungsten	Global Tungsten & Powders Corp.	UNITED STATES OF AMERICA	CID000568
Tungsten	Guangdong Xianglu Tungsten Co., Ltd.	CHINA	CID000218
Tungsten	H.C. Starck Smelting GmbH & Co. KG	GERMANY	CID002542
Tungsten	Hunan Chenzhou Mining Co., Ltd.	CHINA	CID000766
Tungsten	Hunan Chuangda Vanadium Tungsten Co., Ltd. Wuji	CHINA	CID002579
Tungsten	Hunan Chunchang Nonferrous Metals Co., Ltd.	CHINA	CID000769
Tungsten	Hydrometallurg, JSC	RUSSIAN FEDERATION	CID002649
Tungsten	Japan New Metals Co., Ltd.	JAPAN	CID000825
Tungsten	Jiangwu H.C. Starck Tungsten Products Co., Ltd.	CHINA	CID002551
Tungsten	Jiangxi Dayu Longxintai Tungsten Co., Ltd.	CHINA	CID002647
Tungsten	Jiangxi Gan Bei Tungsten Co., Ltd.	CHINA	CID002321
Tungsten	Jiangxi Minmetals Gao'an Non-ferrous Metals Co., Ltd.	CHINA	CID002313
Tungsten	Jiangxi Tonggu Non-ferrous Metallurgical & Chemical Co., Ltd.	CHINA	CID002318
Tungsten	Jiangxi Xincheng Tungsten Industry Co., Ltd.	CHINA	CID002317
Tungsten	Jiangxi Xiushui Xianggan Nonferrous Metals Co., Ltd.	CHINA	CID002535
Tungsten	Jiangxi Yaosheng Tungsten Co., Ltd.	CHINA	CID002316
Tungsten	Kennametal Fallon	UNITED STATES OF AMERICA	CID000966
Tungsten	Kennametal Huntsville	UNITED STATES OF AMERICA	CID000105
Tungsten	Malipo Haiyu Tungsten Co., Ltd.	CHINA	CID002319
Tungsten	Moliren Ltd.	RUSSIAN FEDERATION	CID002845
Tungsten	Niagara Refining LLC	UNITED STATES OF AMERICA	CID002589

Tungsten	Nui Phao H.C. Starck Tungsten Chemicals Manufacturing LLC	VIET NAM	CID002543
Tungsten	South-East Nonferrous Metal Company Limited of Hengyang City	CHINA	CID002815
Tungsten	Tejing (Vietnam) Tungsten Co., Ltd.	VIET NAM	CID001889
Tungsten	Vietnam Youngsun Tungsten Industry Co., Ltd.	VIET NAM	CID002011
Tungsten	Wolfram Bergbau und Hutten AG	AUSTRIA	CID002044
Tungsten	Woltech Korea Co., Ltd.	KOREA, PEOPLE'S REPUBLIC OF	CID002843
Tungsten	Xiamen Tungsten (H.C.) Co., Ltd.	CHINA	CID002320
Tungsten	Xiamen Tungsten Co., Ltd.	CHINA	CID002082
Tungsten	Xinfeng Huarui Tungsten & Molybdenum New Material Co., Ltd.	CHINA	CID002830
Tungsten	Xinhai Rendan Shaoguan Tungsten Co., Ltd.	CHINA	CID002095

## V. Future Due Diligence

We will continue to communicate our expectations and information requirements to our direct suppliers. Over time, we anticipate that the amount of information globally on the traceability and sourcing of these ores will increase and improve our knowledge. We will continue to make inquiries to our direct suppliers and undertake additional risk assessments when potentially relevant changes in facts or circumstances are identified. If we become aware of a supplier whose due diligence needs improvement, we may continue the trade relationship while that supplier improves its compliance program. We expect our suppliers to take similar measures with their suppliers to ensure alignment throughout the supply chain.

In addition to those above, the Company will undertake the following steps during the next compliance period:

- Review the conflict minerals policy statement and update if necessary.
- Continue to collect responses from suppliers using the most recent revision of the CMRT.
- Engage with suppliers that did not provide a response in 2016 or provided incomplete responses to help with our data collections for 2017.
- Develop specific supplier outreach and training to address the identified risks and to take corrective actions with suppliers found not in compliance with the Company's conflict minerals policy.
- Monitor and track performance of risk mitigation efforts.
- Compare and validate RCOI results to information collected via independent third party audit programs, such as the CFSI.
- Engage with smelters that have not been audited and encourage these smelters to undergo an independent third party audit (e.g., CFSP or equivalent).
- Encourage responsible sourcing from the Covered Countries.

### APPENDIX I - Countries of Origin

The information provided in this Appendix is based on the information collected from the Company's suppliers.

Australia	Malaysia
Austria	Mali
Benin	Mexico
Bolivia (Plurinational State of)	Mongolia
Brazil	Myanmar
Burkina Faso	Namibia
Cambodia	Nicaragua
Canada	Nigeria
Chile	Panama
China	Peru
Colombia	Portugal
DRC	Russia
Ecuador	Rwanda
Eritrea	Senegal
Ethiopia	Sierra Leone
France	South Africa
Ghana	Spain
Guatemala	Thailand
Guinea	Togo
Guyana	Uganda
Honduras	United States of America
India	Uzbekistan
Indonesia	Vietnam
Japan	
Laos	
Madagascar	