# UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

# FORM SD

SPECIALIZED DISCLOSURE REPORT

# **Celestica Inc.**

(Exact name of the registrant as specified in its charter)

Ontario, Canada

(State or other jurisdiction of incorporation or organization)

5140 Yonge Street, Suite 1900 Toronto, Canada (Address of principal executive offices) **1-14832** (Commission File Number) N/A (IRS Employer Identification No)

**M2N 6L7** (Zip code)

**Robert Ellis** 

416-448-2721

(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:

x Rule 13p-1 under the Securities Exchange Act (17 CFR 240.13p-1) for the reporting period from January 1 to December 31, 2019

## Section 1 - Conflict Minerals Disclosure

# Item 1.01 Conflict Minerals Disclosure and Report

Conflict Minerals Disclosure

This Form SD of Celestica Inc. (the "Company") is filed pursuant to Rule 13p-1 promulgated under the Securities Exchange Act of 1934, as amended, for the reporting period January 1, 2019 to December 31, 2019.

A copy of the Company's Conflict Minerals Report is filed as Exhibit 1.01 hereto and is publicly available at www.celestica.com (under "About Us — Compliance and Ethics").

# Item 1.02 Exhibit

As specified in Section 2, Item 2.01 of this Form SD, the Company is hereby filing its Conflict Minerals Report as Exhibit 1.01 to this report.

# Section 2—Exhibits

# Item 2.01 Exhibits

The following exhibit is filed as part of this report.

Exhibit No.

Description

1.01 Conflict Minerals Report of Celestica Inc. 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 duly authorized undersigned.

Celestica Inc.

By:	/s/ Robert Ellis	May 4, 2020
	Robert Ellis	(Date)
	General Counsel and Corporate Secretary	

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Exhibit No.	Description	
1.01	Conflict Minerals Report of Celestica Inc.	
	1	

# Conflict Minerals Report of Celestica Inc. For the reporting period from January 1, 2019 to December 31, 2019

This Conflict Minerals Report ("CMR") of Celestica Inc. ("Celestica" or the "Company") has been prepared pursuant to Rule 13p-1 ("Rule 13p-1") and Form SD promulgated under the Securities Exchange Act of 1934, as amended, for the reporting period of January 1, 2019 to December 31, 2019.

## Introduction

Rule 13p-1 requires disclosure of certain information when a company manufactures or contracts to manufacture products for which the minerals specified in such Rule are necessary to the functionality or production of those products. The specified minerals are gold, columbite-tantalite (coltan), cassiterite and wolframite, including their derivatives, which are limited to tantalum, tin and tungsten (the "Conflict Minerals"). The "Covered Countries" for the purposes of Rule 13p-1 are the Democratic Republic of the Congo, the Republic of the Congo, the Central African Republic, South Sudan, Uganda, Rwanda, Burundi, Tanzania, Zambia and Angola.

Celestica is a multinational electronics manufacturing services ("EMS") and supply chain solutions company headquartered in Toronto, Canada. The Company's global network is comprised of approximately 36 sites in 14 countries in North America, Europe and Asia. The Company manufactures, or contracts to manufacture, certain products for which Conflict Minerals are necessary to their functionality or production.

Celestica builds products for a wide variety of leading OEM (original equipment manufacturer) customers and other customers, to be marketed under the customers' brands. Typically, the customer specifies all parts to be included in the product through an Approved Vendor List ("AVL"). As a result, Celestica does not control the selection of suppliers or materials sources unless specifically instructed to do so by its customers.

# Description of the Company's Products Covered by this CMR

This CMR relates to products: (i) for which Conflict Minerals are necessary to the functionality or production of that product; (ii) that were manufactured, or contracted to be manufactured, by the Company; and (iii) for which the manufacture was completed during calendar year 2019.

These products, which are referred to in this CMR collectively as the "Covered Products," consist of printed circuit board assemblies and complete system builds for the following end products: government certified and highly-specialized manufacturing, electronic and enclosure-related services for aerospace and defense-related customers; high-precision equipment and integrated subsystems used in the manufacturing of semiconductors and displays; a wide range of industrial automation, controls, test and measurement devices; advanced solutions for surgical instruments, diagnostic imaging and patient monitoring; efficiency products to help manage and monitor the energy and power industries; and routers, switches, servers and storage-related products to manage digital connectivity, commerce and social media applications.

# The Company's Reasonable Country of Origin Inquiry and Due Diligence Process

In accordance with Rule 13p-1, the Company has conducted in good faith a reasonable country of origin inquiry ("RCOI") regarding the Conflict Minerals necessary to the functionality or production of the products it manufactures or contracts to manufacture. This RCOI was reasonably designed to determine whether any of such Conflict Minerals originated in the Covered Countries and whether any of such Conflict Minerals may be from recycled or scrap sources.

Celestica engaged with its immediate (Tier 1) suppliers to collect information about the presence and sourcing of Conflict Minerals used in products and components supplied to the Company. For new Tier 1 suppliers that came on board in 2019, such engagement also included the provision of Celestica's Conflict Minerals Policy to such suppliers, and education on Celestica's position regarding Conflict Minerals sourcing practices and the requirements

of Rule 13p-1. Information was collected using the Conflict Minerals Reporting Template ("CMRT"), a standardized reporting template developed by the Responsible Minerals Initiative ("RMI").

Supplier responses were evaluated for plausibility, consistency, and gaps both in terms of which products were stated to contain or not contain necessary Conflict Minerals, as well as their origin. Additional supplier contacts were conducted to address various issues, including implausible statements regarding no presence of Conflict Minerals, incomplete data on the CMRT, responses that did not identify smelters or refiners, responses which indicated a sourcing location without complete supporting information from the supply chain, and organizations that were identified as smelter or refiners ("SORs"), but not verified as such through further analysis and research.

In addition to the RCOI, the Company also exercised due diligence on the source and chain of custody of its necessary Conflict Minerals where the Company, based on its RCOI, had reason to believe that such Conflict Minerals may have originated in the Covered Countries and may not be from recycled or scrap sources.

The following criteria were used to determine which supply chains and associated SORs were moved to the due diligence step:

- · Supplier reported sourcing from Covered Countries;
- · Provided SOR data indicated sourcing from a mine located in the Covered Countries;
- Listed SOR has been reported to source from a mine located in the Covered Countries (based on information contained within our internal database, which includes information from independent certification programs, and from Internet research/available public reports);
- · An indication that the SOR sourced from a Covered Country; or
- · Information provided about the SOR indicated the origin of the materials was not from a known reserve.

A total of 2,900 suppliers were surveyed as part of the RCOI process. Of these suppliers, 2,883 provided responses, and of those, 56% responded "yes" as to having one or more of the Conflict Minerals as necessary to the functionality or production of the products they supply to Celestica. An aggregate of 932 individuals SORs (treating each smelter identification number as pertaining to a separate SOR) were identified as used by such suppliers; however, the SOR information obtained from suppliers pertained to all customers of such suppliers, and did not correspond specifically to products/components supplied to the Company.

The Company's due diligence measures were designed to conform to the framework in the Organization for Economic Cooperation and Development's (OECD) Due Diligence Guidance for Responsible Supply Chains of Minerals from Conflict-Affected and High-Risk Areas: Third Edition (2016) and accompanying Supplements.

The Company's supply chain with respect to the Covered Products is complex, and there are many third parties in the supply chain between the ultimate manufacturer of the Covered Products and the original sources of Conflict Minerals. The Company does not purchase Conflict Minerals directly from mines or SORs. The Company must therefore rely on its suppliers to provide information regarding the origin of Conflict Minerals that are included in the Covered Products. However, because the Company believes that the smelters and refiners of the Conflict Minerals are best situated to identify the sources of Conflict Minerals, the Company has also taken steps to identify the applicable smelters and refiners of Conflict Minerals in the Company's supply chain.

The OECD Guidance identifies five due diligence steps:

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

It is important to note that the OECD Guidance was written for both upstream and downstream companies in the supply chain. As Celestica is a downstream company in the supply chain, its due diligence practices were tailored accordingly.

In addition to the RCOI described in detail above, the following constitute the procedures the Company used to identify supply chain risks in relation to Conflict Minerals in the Covered Products, and the due diligence activities undertaken to respond to those risks.

#### OECD Guidance Step 1: Establish strong company management systems

A management system is a framework of policies, procedures, processes and organizational structures that help enable a company to complete all tasks necessary to achieve its objectives. Celestica has established such a system by taking the following steps.

#### Adopt a conflict minerals policy

Celestica's Conflict Minerals Policy is publicly available at www.celestica.com (under "About Us — Compliance and Ethics"). It states:

The mining and trading of Coltan (the metal ore from which Tantalum is extracted), Wolframite (the metal ore from which Tungsten is extracted), Cassiterite (the metal ore from which Tin is extracted), and Gold, and their respective derivatives, originating from the Democratic Republic of Congo ("DRC") or adjoining countries (the "DRC Region") has financed conflict, resulting in widespread human rights violations and environmental degradation. Section 1502(b) of the Dodd-Frank Wall Street Reform and Consumer Protection Act ("Conflict Minerals Law") requires SEC reporting companies to undertake an inquiry as to the source and chain of custody of conflict minerals and to make certain disclosures in connection therewith.

Celestica fully supports the objectives of this legislation, which aims to minimize violence and environmental damage in the DRC Region. We will comply with all applicable obligations under Conflict Minerals Law. Celestica expects that all suppliers comply with Conflict Minerals Law and provide all necessary declarations using the RMI Conflict Minerals Reporting Template. These measures will be used in conjunction with industry initiatives such as the Responsible Minerals Assurance Process (RMAP), formerly the Conflict-Free Smelter Program (CFSP), to reasonably assure that the Tantalum, Tungsten, Tin or Gold in the products we manufacture do not directly or indirectly finance or benefit armed groups in the DRC Region. Celestica will assess future business with suppliers who are noncompliant with this policy.

Celestica is committed to ethical practices and compliance with applicable laws and regulations wherever it does business.

#### Assemble an internal team to support supply chain due diligence

Celestica has established a management system for Conflict Minerals. This management system includes an internal Conflict Minerals steering committee made up of senior management from Corporate Compliance, Finance, Supply Chain Management and Commodity Management functions, and a Supply Chain Management Environmental Engineering team to manage Conflict Minerals activities. The steering committee is updated on the results of Celestica's due diligence efforts on a regular basis.

#### Establish a system of controls and transparency over the mineral supply chain

To provide better transparency within Celestica's mineral supply chains and to facilitate communication of policies and expectations, Celestica has established an internal system to identify suppliers in Celestica's mineral supply chains and the relationships between them, collect, store, and review information on Conflict Minerals sourcing practices, track information on SORs, and flag risks based on SOR sourcing practices.

#### Strengthen company engagement with suppliers

Celestica engaged with suppliers through multiple communication outreaches by email and phone to educate suppliers on Celestica's expectations for sourcing and its Conflict Minerals Policy, and the requirements of Rule 13p-1. Suppliers were provided various avenues to obtain additional information and guidance regarding Celestica's Conflict Minerals compliance program, including on-line access to Celestica's Conflict Minerals Policy, and contact email addresses and telephone numbers for obtaining answers to questions and/or guidance on completing Celestica's information requests.

## OECD Guidance Step 2: Identify and Assess Risks in the Supply Chain

The following steps are recommended by the OECD to identify and assess risks in mineral supply chains.

#### Identify the SORs in the supply chain

The Company attempted to obtain information on identified SORs using Celestica's Conflict Minerals database, which includes information provided through internet searches, other research activities (*e.g.*, reviewing government databases and industry and trade organization lists), and contact with suppliers providing SOR information on their reporting templates. The Company also followed up where a sourcing location provided (country of mine origin) is not believed to be a known reserve for the given metal.

Identified SORs were matched against available lists of processors that have been certified by internationally-recognized industry validation schemes, such as the RMIs Responsible Minerals Assurance Process ("RMAP"), the London Bullion Market Association's Responsible Gold Audit Programme and the Responsible Jewellery Council's Chain-of-Custody Certification Program. Suppliers and products associated with certified SORs were assumed to meet the OECD Guidance due diligence standards and responsibly source their materials.

#### OECD Guidance Step 3: Design and Implement a Strategy to Respond to Identified Risks

Celestica implemented the following measures to address high risk SORs.

#### Report findings to senior management

A regular update is provided to Celestica's Conflict Minerals steering committee on the progress and findings of the RCOI and due diligence.

## Devise and adopt a risk management plan, monitor and track risk mitigation, and evaluate supplier relationship

Celestica is an EMS and supply chain solutions company that builds products for leading OEMs and other companies according to specifications provided by the customer to Celestica. Typically, the customer specifies all parts included in the product through an AVL. As a result, Celestica does not control selection of suppliers or materials sources unless specifically instructed to do so by its customers. If a risk is identified, Celestica will inform the customer of the risk in the supply chain and work with such customer to manage and mitigate the risk.

For parts that Celestica designs or over which Celestica has engineering control, if a risk is identified, Celestica will work with its suppliers to express its concerns about providing revenue to armed groups within the Covered Countries. Celestica will work with suppliers to provide a roadmap intended to ensure that the Conflict Minerals they supply to Celestica will be responsibly sourced. If a supplier refuses to comply, Celestica will assess future business with the supplier.

## OECD Guidance Step 4: Carry out Independent Third-Party Audit of Smelter/Refiner's Due Diligence Practices

This OECD step does not require or define audits for downstream companies. However, downstream companies can support these audits by supporting or joining industry organizations.



Celestica does not typically have a direct relationship with Conflict Minerals SORs and does not perform direct audits of these entities within its supply chain. However, as a member of the Responsible Business Alliance ("RBA"), Celestica participates in ongoing discussions and updates of the RMI RMAP, an audit program designed to validate SORs' sourcing practices. Through the RMAP validation process, which is voluntary, an independent third party audits the procurement and processing activities of a SOR to determine if it has the systems and processes in place to support responsible sourcing of raw materials and can provide evidence to support their sourcing activities.

## OECD Guidance Step 5: Report Annually on Supply Chain Due Diligence.

In fulfilling this step, Celestica's Conflict Minerals steering committee:

- a. Provided management with periodic process updates during the reporting period and through the filing date;
- b. Informed management of due diligence efforts and results; and
- c. Completed and filed this Conflict Minerals Report, and the Form SD to which it relates, which are publicly available at www.celestica.com.

#### **Due Diligence Results**

Based on the information obtained in the Company's due diligence process, the Company does not have sufficient information to determine the particular facilities used to process Conflict Minerals in the Covered Products. SOR information was obtained from most (but not all) suppliers, and the SOR information that was obtained from suppliers was at a company or division level, not at a product level, and as a result, we cannot determine which of the identified SORs are actually in Celestica's supply chain.

With respect to the 932 SORs identified as used by the Company's suppliers, 271 were certified as Conformant by RMAP or another recognized certification program (LBMA Responsible Gold Certification or Responsible Jewellery Council Chain-of-Custody Certification). In addition, 7 SORs were identified as "active," i.e., they have committed to undergo a RMAP audit. The 932 SORs that were identified pursuant to the due diligence process, and their certification status, where applicable, are set forth below.

Facility Name	Metal	Certification
Inner Mongolia Qiankun Gold and Silver Refinery Share Co., Ltd.	Gold	RMAP
Shandong Zhaojin Gold & Silver Refinery Co., Ltd.	Gold	RMAP
The Refinery of Shandong Gold Mining Co., Ltd.	Gold	RMAP
Gold Refinery of Zijin Mining Group Co., Ltd.	Gold	RMAP
Asahi Pretec Corp.	Gold	RMAP
Ishifuku Metal Industry Co., Ltd.	Gold	RMAP
JX Nippon Mining & Metals Co., Ltd.	Gold	RMAP
Matsuda Sangyo Co., Ltd.	Gold	RMAP
Mitsubishi Materials Corporation	Gold	RMAP
Mitsui Mining and Smelting Co., Ltd.	Gold	RMAP
Nihon Material Co., Ltd.	Gold	RMAP
Sumitomo Metal Mining Co., Ltd.	Gold	RMAP
Tanaka Kikinzoku Kogyo K.K.	Gold	RMAP
Tokuriki Honten Co., Ltd.	Gold	RMAP

Aida Chemical Industries Co., Ltd.	Gold	RMAP
Auda Chemicai Industries Co., Ltd. Aurubis AG	Gold	RMAP
Boliden AB	Gold	
		RMAP
Chimet S.p.A.	Gold	RMAP
Dowa	Gold	RMAP
Eco-System Recycling Co., Ltd. East Plant	Gold	RMAP
Solar Applied Materials Technology Corp.	Gold	RMAP
Argor-Heraeus S.A.	Gold	RMAP
Heraeus Metals Hong Kong Ltd.	Gold	RMAP
Kojima Chemicals Co., Ltd.	Gold	RMAP
Heimerle + Meule GmbH	Gold	RMAP
Allgemeine Gold-und Silberscheideanstalt A.G.	Gold	RMAP
AngloGold Ashanti Corrego do Sitio Mineracao	Gold	RMAP
Asaka Riken Co., Ltd.	Gold	RMAP
CCR Refinery - Glencore Canada Corporation	Gold	RMAP
Heraeus Precious Metals GmbH & Co. KG	Gold	RMAP
Istanbul Gold Refinery	Gold	RMAP
Japan Mint	Gold	RMAP
Jiangxi Copper Co., Ltd.	Gold	RMAP
LS-NIKKO Copper Inc.	Gold	RMAP
Materion	Gold	RMAP
Metalor Technologies (Hong Kong) Ltd.	Gold	RMAP
Metalor Technologies S.A.	Gold	RMAP
Metalor USA Refining Corporation	Gold	RMAP
Ohura Precious Metal Industry Co., Ltd.	Gold	RMAP
PAMP S.A.	Gold	RMAP
PX Precinox S.A.	Gold	RMAP
Rand Refinery (Pty) Ltd.	Gold	RMAP
Royal Canadian Mint	Gold	RMAP
SEMPSA Joyeria Plateria S.A.	Gold	RMAP
United Precious Metal Refining, Inc.	Gold	RMAP
Valcambi S.A.	Gold	RMAP
Western Australian Mint (T/a The Perth Mint)	Gold	RMAP
Yamakin Co., Ltd.	Gold	RMAP
Yokohama Metal Co., Ltd.	Gold	RMAP
Umicore S.A. Business Unit Precious Metals Refining	Gold	RMAP
Metalurgica Met-Mex Penoles S.A. De C.V.	Gold	RMAP
Asahi Refining Canada Ltd.	Gold	RMAP
Umicore Brasil Ltda.	Gold	RMAP

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Kennecott Utah Copper LLC	Gold	RMAP
Asahi Refining USA Inc.	Gold	RMAP
SAXONIA Edelmetalle GmbH	Gold	RMAP
C. Hafner GmbH + Co. KG	Gold	RMAP
Chugai Mining	Gold	RMAP
Daejin Indus Co., Ltd.	Gold	
DSC (Do Sung Corporation)	Gold	RMAP
DODUCO Contacts and Refining GmbH	Gold	RMAP
OJSC Novosibirsk Refinery	Gold	RMAP
Kazzinc	Gold	RMAP
Kyrgyzaltyn JSC	Gold	RMAP
Metalor Technologies (Singapore) Pte., Ltd.	Gold	RMAP
Moscow Special Alloys Processing Plant	Gold	RMAP
Nadir Metal Rafineri San. Ve Tic. A.S.	Gold	RMAP
OJSC "The Gulidov Krasnoyarsk Non-Ferrous Metals Plant" (OJSC Krastsvetmet)	Gold	RMAP
Prioksky Plant of Non-Ferrous Metals	Gold	RMAP
PT Aneka Tambang (Persero) Tbk	Gold	RMAP
Schone Edelmetaal B.V.	Gold	
Sichuan Tianze Precious Metals Co., Ltd.	Gold	RMAP
SOE Shyolkovsky Factory of Secondary Precious Metals	Gold	RMAP
Torecom	Gold	RMAP
Zhongyuan Gold Smelter of Zhongjin Gold Corporation	Gold	RMAP
Umicore Precious Metals Thailand	Gold	RMAP
Geib Refining Corporation	Gold	RMAP
MMTC-PAMP India Pvt., Ltd.	Gold	RMAP
Republic Metals Corporation	Gold	
Singway Technology Co., Ltd.	Gold	RMAP
Al Etihad Gold Refinery DMCC	Gold	RMAP
Emirates Gold DMCC	Gold	RMAP
T.C.A S.p.A	Gold	RMAP
Cendres + Metaux S.A.	Gold	RMAP
Advanced Chemical Company	Gold	RMAP
Almalyk Mining and Metallurgical Complex (AMMC)	Gold	RMAP
AU Traders and Refiners	Gold	RMAP
Bangalore Refinery	Gold	RMAP
Bangko Sentral ng Pilipinas (Central Bank of the Philippines)	Gold	RMAP
LT Metal Ltd.	Gold	RMAP
JSC Uralelectromed	Gold	RMAP
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Metalor Technologies (Suzhou) Ltd.	Gold	RMAP
Samduck Precious Metals	Gold	RMAP
REMONDIS PMR B.V.	Gold	RMAP
Korea Zinc Co., Ltd.	Gold	RMAP
Marsam Metals	Gold	RMAP
SAAMP	Gold	RMAP
African Gold Refinery	Gold	
Atasay Kuyumculuk Sanayi Ve Ticaret A.S.	Gold	
Caridad	Gold	
CGR Metalloys Pvt Ltd.	Gold	
Daye Non-Ferrous Metals Mining Ltd.	Gold	LBMA
Degussa Sonne / Mond Goldhandel GmbH	Gold	
Dijllah Gold Refinery FZC	Gold	
DS PRETECH Co., Ltd.	Gold	RMAP
Eco-System Recycling Co., Ltd. North Plant	Gold	RMAP
Eco-System Recycling Co., Ltd. West Plant	Gold	RMAP
Fidelity Printers and Refiners Ltd.	Gold	
Fujairah Gold FZC	Gold	
GCC Gujrat Gold Centre Pvt. Ltd.	Gold	
Great Wall Precious Metals Co., Ltd. of CBPM	Gold	LBMA
Guangdong Jinding Gold Limited	Gold	
Guoda Safina High-Tech Environmental Refinery Co., Ltd.	Gold	
Hangzhou Fuchunjiang Smelting Co., Ltd.	Gold	
Hunan Chenzhou Mining Co., Ltd.	Gold	
Hunan Guiyang yinxing Nonferrous Smelting Co., Ltd.	Gold	
HwaSeong CJ CO., LTD.	Gold	
International Precious Metal Refiners	Gold	
Italpreziosi	Gold	RMAP
JSC Ekaterinburg Non-Ferrous Metal Processing Plant	Gold	
Kaloti Precious Metals	Gold	
Kazakhmys Smelting LLC	Gold	
L'Orfebre S.A.	Gold	RMAP
Ogussa Osterreichische Gold- und Silber-Scheideanstalt GmbH	Gold	RMAP
Planta Recuperadora de Metales SpA	Gold	RMAP
Safimet S.p.A	Gold	RMAP
KGHM Polska Miedz Spolka Akcyjna	Gold	RMAP
Kyshtym Copper-Electrolytic Plant ZAO	Gold	
L'azurde Company For Jewelry	Gold	
Lingbao Gold Co., Ltd.	Gold	

Linghan Barran Tanghai Definang Ca. I ta	C-14	
Lingbao Jinyuan Tonghui Refinery Co., Ltd.	Gold	
Luoyang Zijin Yinhui Gold Refinery Co., Ltd.	Gold	DICAD
WIELAND Edelmetalle GmbH	Gold	RMAP
SungEel HiMetal Co., Ltd.	Gold	RMAP
Navoi Mining and Metallurgical Combinat	Gold	LBMA
TOO Tau-Ken-Altyn	Gold	LBMA
Henan Yuguang Gold & Lead Co., Ltd.	Gold	
Modeltech Sdn Bhd	Gold	
Morris and Watson	Gold	
NH Recytech Company	Gold	
Pease & Curren	Gold	
Penglai Penggang Gold Industry Co., Ltd.	Gold	
QG Refining, LLC	Gold	
Refinery of Seemine Gold Co., Ltd.	Gold	
Elemetal Refining, LLC	Gold	
So Accurate Group, Inc.	Gold	
8853 S.p.A.	Gold	RMAP
Shandong Humon Smelting Co., Ltd.	Gold	
Yunnan Copper Industry Co., Ltd.	Gold	
Sabin Metal Corp.	Gold	
Samwon Metals Corp.	Gold	
Shandong Tiancheng Biological Gold Industrial Co., Ltd.	Gold	
Tongling Nonferrous Metals Group Co., Ltd.	Gold	
Abington Reldan Metals, LLC	Gold	
Sai Refinery	Gold	
Morris and Watson Gold Coast	Gold	
Dai-ichi Seiko	Gold	
Faggi Enrico S.p.A.	Gold	
Korea Metal Co., Ltd.	Gold	
China National Gold Group Corporation	Gold	
Bauer Walser AG	Gold	RJC
Tony Goetz NV	Gold	
Universal Precious Metals Refining Zambia	Gold	
SAFINA A.S.	Gold	Active
State Research Institute Center for Physical Sciences and Technology	Gold	
Sudan Gold Refinery	Gold	
Sovereign Metals	Gold	
Colt Refining	Gold	
DaeryongENC	Gold	

Shenzhen Zhonghenglong Real Industry Co., Ltd.	Gold
Super Dragon Technology Co., Ltd.	Gold
Zhongkuang Gold Industry Co., Ltd.	Gold
Operaciones Metalurgical S.A.	Gold
C.I Metales Procesados Industriales SAS	Gold
Gold Coast Refinery	Gold
JALAN & Company	Gold
AURA-II	Gold
Malaysia Smelting Corporation (MSC)	Gold
Codelco	Gold
OJSC Kolyma Refinery	Gold
A.L.M.T. Corp.	Gold
China Tin Group Co., Ltd.	Gold
CS	Gold
DONGGUAN DONGXU METAL SURFACE HANDLE CO.,LTD	Gold
Dongguanshi Sutande Dianzi Cailiao Youxiangongsi	Gold
Dong-Wo Co., Ltd.	Gold
E-Chem Enterprise Corp.	Gold
electro metals	Gold
Enthone	Gold
ERCEI	Gold
ESG Edelmetallservice GmbH & Co. KG	Gold
Ferro Corporation	Gold
Foxconn	Gold
Guangdong MingFa Precious Metal Co.,Ltd	Gold
Harima Smelter	Gold
Harmony Gold Refinery	Gold
Heimerdinger	Gold
HMG	Gold
Hon Shen Co. Ltd	Gold
Honorable Hardware Craft Product Limited Company	Gold
THE HUTTI GOLD MINES CO.LTD	Gold
Jia Lung Corp	Gold
Jiangsu large specialty chemicals Ltd.	Gold
JIE SHENG	Gold
Jin Dong Heng	Gold
Jin Jinyin Refining Co., Ltd.	Gold
JinBao Electronic Co.,Ltd.	Gold
Jinfeng Gold Mine Smelter	Gold

Jinlong Copper Co., Ltd.	Gold
JSC "Aurat"	Gold
Kee Shing	Gold
Kosak Seiren	Gold
Kuan Shuo Ind. Co. Ltd	Gold
Kunshan Jinli chemical industry reagents co.,Ltd.	Gold
KYOCERA	Gold
LBMA	Gold
LINXENS	Gold
LITTELFUSE	Gold
macderlun	Gold
Mead Metals	Gold
Minchali Metal Industry Co., Ltd.	Gold
MK Electron	Gold
Morigin Company	Gold
N.E. Chemcat	Gold
Nippon Micrometal Corporation	Gold
OGM	Gold
Orelec	Gold
PT Koba Tin	Gold
PYNMAX	Gold
Realized the Enterprise Co., Ltd.	Gold
ROHM & HAAS	Gold
rui sheng	Gold
Sanmenxia Hengsheng science and technology, research and development Co., LTD	Gold
Scotia Mocatta	Gold
Senju Metal Industry Co., Ltd.	Gold
Sewon Korea	Gold
Shanghai Gold Exchange	Gold
Shan Dong Huangjin	Gold
Shandon Jin Jinyin Refining Limited	Gold
Shenzhen baoan district public security bureau	Gold
Shenzhen Chemicals Light Industry Co., Ltd.	Gold
Shenzhen Fujun Material Technology Co., Ltd.	Gold
Shenzhen Heng Zhong Industry Co., Ltd.	Gold
SHENZHEN TIANCHENG CHEMICAL CO LTD	Gold
Shenzhen ZHENGTIANWEI Technology Co., Ltd.	Gold
SHINKO ELECTRIC INDUSTRIES CO., LTD.	Gold

Sindlhauser Materials GmbH	Gold
Shanghai Kyocera Electronics Co., Ltd.	Gold
Standard Bank	Gold
Sumisho Material Corp.	Gold
Suzhou Xingrui Noble	Gold
Tai zhou chang san Jiao electron Co.,Ltd	Gold
Taizhouchang San Jiao electric Company	Gold
Tai'zhou City Yangtze River Delta Electron Ltd.	Gold
Taizhou Delta Electronics Co., Ltd.	Gold
Technic	Gold
Tian Cheng	Gold
TONGDING METALLIC MATERIAL CO.LTD	Gold
UBS	Gold
Umicore	Gold
UNIFORCE METAL INDUSTRIAL CORP.	Gold
Uyemura International Corp.	Gold
Yantai Zhaojin Lifu Precious Metals Co., Ltd.	Gold
Yoo Chang Metal	Gold
Yunnan Metallurgical Group Co., Ltd	Gold
Zhaoyuan Dongxing Mining Co., Ltd.	Gold
Zhaoyuan Hexi Gold Mine	Gold
Zhe Jiang Guang Yuan Noble Metal Smelting Factory	Gold
Zhongshan Poison Material Proprietary Co., Ltd.	Gold
Zhuzhou Cemented Carbide	Gold
PT Timah Tbk Mentok	Gold
PT Timah Tbk Kundur	Gold
Baiyin Nonferrous Metals Corporation (BNMC)	Gold
Guangdong Hua Jian Trade Co., Ltd.	Gold
GUANGDONG JINXIAN GAOXIN CAI LIAO GONG SI	Gold
Hetai Gold Mineral Guangdong Co., Ltd.	Gold
Hung Cheong Metal Manufacturing Limited	Gold
Nohon Material Corporation	Gold
Nyrstar Metals	Gold
Precious Metals Sales Corp.	Gold
Viagra Di precious metals (Zhaoyuan) Co., Ltd.	Gold
Wuzhong Group	Gold
Zhongshan Hyper-Toxic Substance Monopolized Co., Ltd.	Gold
Zhuhai toxic materials Monopoly Ltd.	Gold
Hang Seng Technology	Gold

Shandong Hengbang Smelter Co., Ltd.	Gold	
Shandong penglai gold smelter	Gold	
Shandong Yanggu Xiangguang Co., Ltd.	Gold	
Sino-Platinum Metals Co., Ltd.	Gold	
Changsha South Tantalum Niobium Co., Ltd.	Tantalum	RMAP
F&X Electro-Materials Ltd.	Tantalum	RMAP
Global Advanced Metals Boyertown	Tantalum	RMAP
H.C. Starck Co., Ltd.	Tantalum	RMAP
H.C. Starck Tantalum and Niobium GmbH	Tantalum	RMAP
H.C. Starck Hermsdorf GmbH	Tantalum	RMAP
H.C. Starck Inc.	Tantalum	RMAP
H.C. Starck Ltd.	Tantalum	RMAP
H.C. Starck Smelting GmbH & Co. KG	Tantalum	RMAP
Jiujiang Tanbre Co., Ltd.	Tantalum	RMAP
Mitsui Mining and Smelting Co., Ltd.	Tantalum	RMAP
NPM Silmet AS	Tantalum	RMAP
Ningxia Orient Tantalum Industry Co., Ltd.	Tantalum	RMAP
Solikamsk Magnesium Works OAO	Tantalum	RMAP
Taki Chemical Co., Ltd.	Tantalum	RMAP
Ulba Metallurgical Plant JSC	Tantalum	RMAP
Guangdong Rising Rare Metals-EO Materials Ltd.	Tantalum	RMAP
Exotech Inc.	Tantalum	RMAP
Guangdong Zhiyuan New Material Co., Ltd.	Tantalum	RMAP
JiuJiang JinXin Nonferrous Metals Co., Ltd.	Tantalum	RMAP
Metallurgical Products India Pvt., Ltd.	Tantalum	RMAP
Mineracao Taboca S.A.	Tantalum	RMAP
QuantumClean	Tantalum	RMAP
Yanling Jincheng Tantalum & Niobium Co., Ltd.	Tantalum	RMAP
Telex Metals	Tantalum	RMAP
Yichun Jin Yang Rare Metal Co., Ltd.	Tantalum	NWAF
Hengyang King Xing Lifeng New Materials Co., Ltd.	Tantalum	RMAP
D Block Metals, LLC	Tantalum	RMAP
FIR Metals & Resource Ltd.	Tantalum	RMAP
Jiujiang Zhongao Tantalum & Niobium Co., Ltd.	Tantalum	RMAP
XinXing HaoRong Electronic Material Co., Ltd.	Tantalum	RMAP
Jiangxi Dinghai Tantalum & Niobium Co., Ltd.	Tantalum	RMAP
KEMET Blue Metals	Tantalum	RMAP
Global Advanced Metals Aizu	Tantalum	RMAP
KEMET Blue Powder	Tantalum Tantalum	
NEWEI DIUC POWUC	Lantaium	RMAP

Asaka Riken Co., Ltd.	Tantalum	RMAP
Jiangxi Tuohong New Raw Material	Tantalum	RMAP
LSM Brasil S.A.	Tantalum	RMAP
Jiujiang Janny New Material Co., Ltd.	Tantalum	
PRG Dooel	Tantalum	RMAP
Resind Industria e Comercio Ltda.	Tantalum	RMAP
Hi-Temp Specialty Metals, Inc.	Tantalum	<b>NWIAI</b>
Duoluoshan	Tantalum	
H.C. Starck Surface Technology and Ceramic Powders GmbH	Tantalum	
Plansee SE Liezen	Tantalum	
Plansee SE Reutte	Tantalum	
Zhuzhou Cemented Carbide Group Co., Ltd.	Tantalum	
•	Tantalum	
King-Tan Tantalum Industry Ltd. E.S.R. Electronics	Tantalum	
CP Metals Inc.	Tantalum	Activo
		Active
Global Advanced Metals	Tantalum	
Plansee SE	Tantalum	
Tantalite Resources	Tantalum	
H.C. Starck GmbH	Tantalum	
Tranzact, Inc.	Tantalum	
Gannon & Scott	Tantalum	
Shanghai Jiangxi Metals Co., Ltd.	Tantalum	
China Shenzhen Morgan Sputtering Targets & Technology Co.,Ltd.	Tantalum	
Ethiopian Minerals Development Share Company	Tantalum	
Fujian Nanping	Tantalum	
Jiangxi Yichun	Tantalum	
Matsuo Electric	Tantalum	
Metal Do	Tantalum	
Nantong Tongjie Electrical Co., Ltd.	Tantalum	
JX Nippon Mining & Metals Co., Ltd.	Tantalum	
Nitora	Tantalum	
NTET, Thailand	Tantalum	
Praxair	Tantalum	
The Refinery of Shandong Gold Mining Co., Ltd.	Tantalum	
Sumitomo Metal Mining Co., Ltd.	Tantalum	
Talley Metals	Tantalum	
VISHAY	Tantalum	
Yano Metal	Tantalum	
ANHUI HERRMAN IMPEX CO.	Tantalum	

	<b>T</b> <sup>*</sup>	
PT Bukit Timah DT Luci Stania Deima	Tin	RMAP
PT Inti Stania Prima	Tin	RMAP
PT Mitra Stania Prima	Tin	RMAP
PT Refined Bangka Tin	Tin	RMAP
PT Timah Tbk Kundur	Tin	RMAP
PT Timah Tbk Mentok	Tin	RMAP
Thaisarco	Tin	RMAP
CV Ayi Jaya	Tin	RMAP
PT Prima Timah Utama	Tin	RMAP
PT Sukses Inti Makmur	Tin	RMAP
CV United Smelting	Tin	RMAP
EM Vinto	Tin	RMAP
Gejiu Non-Ferrous Metal Processing Co., Ltd.	Tin	RMAP
Mitsubishi Materials Corporation	Tin	RMAP
Malaysia Smelting Corporation (MSC)	Tin	RMAP
Metallo Belgium N.V.	Tin	RMAP
Mineracao Taboca S.A.	Tin	RMAP
Minsur	Tin	RMAP
Operaciones Metalurgicas S.A.	Tin	RMAP
PT Stanindo Inti Perkasa	Tin	RMAP
Alpha	Tin	RMAP
PT ATD Makmur Mandiri Jaya	Tin	RMAP
PT Sariwiguna Binasentosa	Tin	RMAP
PT Babel Inti Perkasa	Tin	RMAP
PT Tinindo Inter Nusa	Tin	RMAP
Yunnan Tin Company Limited	Tin	RMAP
Yunnan Chengfeng Non-ferrous Metals Co., Ltd.	Tin	RMAP
Huichang Jinshunda Tin Co., Ltd.	Tin	RMAP
White Solder Metalurgia e Mineracao Ltda.	Tin	RMAP
Fenix Metals	Tin	RMAP
PT Artha Cipta Langgeng	Tin	RMAP
CV Venus Inti Perkasa	Tin	RMAP
PT Bangka Prima Tin	Tin	RMAP
PT Rajehan Ariq	Tin	RMAP
Rui Da Hung	Tin	RMAP
PT Belitung Industri Sejahtera	Tin	RMAP
PT Panca Mega Persada	Tin	RMAP
PT Aries Kencana Sejahtera	Tin	RMAP
PT DS Jaya Abadi	Tin	RMAP

	TT*	DMAD
PT Bangka Tin Industry Magnu's Minerais Metais e Ligas Ltda.	Tin Ti-	RMAP
	Tin	RMAP
Chenzhou Yunxiang Mining and Metallurgy Co., Ltd.	Tin	RMAP
China Tin Group Co., Ltd.	Tin	RMAP
CV Dua Sekawan	Tin	RMAP
CV Gita Pesona	Tin	RMAP
PT Premium Tin Indonesia	Tin	RMAP
Dowa	Tin	RMAP
Metallo Spain S.L.U.	Tin	RMAP
Gejiu Fengming Metallurgy Chemical Plant	Tin	RMAP
Gejiu Kai Meng Industry and Trade LLC	Tin	RMAP
Gejiu Yunxin Nonferrous Electrolysis Co., Ltd.	Tin	RMAP
Gejiu Zili Mining And Metallurgy Co., Ltd.	Tin	RMAP
Guangdong Hanhe Non-Ferrous Metal Co., Ltd.	Tin	RMAP
Guanyang Guida Nonferrous Metal Smelting Plant	Tin	RMAP
HuiChang Hill Tin Industry Co., Ltd.	Tin	RMAP
Melt Metais e Ligas S.A.	Tin	RMAP
Metallic Resources, Inc.	Tin	RMAP
Jiangxi New Nanshan Technology Ltd.	Tin	RMAP
O.M. Manufacturing (Thailand) Co., Ltd.	Tin	RMAP
O.M. Manufacturing Philippines, Inc.	Tin	RMAP
PT Sumber Jaya Indah	Tin	RMAP
PT Tommy Utama	Tin	RMAP
PT Menara Cipta Mulia	Tin	RMAP
PT Bangka Serumpun	Tin	RMAP
Soft Metais Ltda.	Tin	RMAP
Jiangxi Ketai Advanced Material Co., Ltd.	Tin	
PT Eunindo Usaha Mandiri	Tin	
PT Karimun Mining	Tin	RMAP
Gejiu Jinye Mineral Company	Tin	
PT Lautan Harmonis Sejahtera	Tin	RMAP
An Vinh Joint Stock Mineral Processing Company	Tin	
Chifeng Dajingzi Tin Industry Co., Ltd.	Tin	RMAP
Electro-Mechanical Facility of the Cao Bang Minerals & Metallurgy Joint Stock Company	Tin	
Estanho de Rondonia S.A.	Tin	
Modeltech Sdn Bhd	Tin	
Note the Sun Blue Note State	Tin	
Pongpipat Company Limited	Tin	
routhhar comhand murica	1111	
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Resind Industria e Comercio Ltda. Super Ligas Tin Technology & Refining	Tin Tin	RMAP
	Tin	
Tin Technology & Refining		
	Tin	RMAP
Tuyen Quang Non-Ferrous Metals Joint Stock Company	Tin	
CNMC (Guangxi) PGMA Co., Ltd.	Tin	
Cooperativa Metalurgica de Rondonia Ltda.	Tin	
PT Kijang Jaya Mandiri	Tin	RMAP
PT Cipta Persada Mulia	Tin	
Thai Nguyen Mining and Metallurgy Co., Ltd.	Tin	RMAP
PT Babel Surya Alam Lestari	Tin	RMAP
PT Tirus Putra Mandiri	Tin	RMAP
PT Justindo	Tin	
PT Wahana Perkit Jaya	Tin	
VQB Mineral and Trading Group JSC	Tin	
Metallum Group Holding NV	Tin	
PIREKS	Tin	
PT O.M. Indonesia	Tin	
PT Bangka Putra Karya	Tin	
An Thai Minerals Co., Ltd.	Tin	
Yunnan Yunfan Non-ferrous Metals Co., Ltd.	Tin	RMAP
Dai-ichi Seiko	Tin	
PT BilliTin Makmur Lestari	Tin	
Feinhutte Halsbrucke GmbH	Tin	
Linqu Xianggui Smelter Co., Ltd.	Tin	
PT Alam Lestari Kencana	Tin	
PT Bangka Kudai Tin	Tin	
PT Bangka Timah Utama Sejahtera	Tin	
PT Fang Di MulTindo	Tin	
PT Timah Nusantara	Tin	
PT Seirama Tin Investment	Tin	
PT Koba Tin	Tin	
Dongguan CiEXPO Environmental Engineering Co., Ltd.	Tin	
PT Rajawali Rimba Perkasa	Tin	RMAP
Ma'anshan Weitai Tin Co., Ltd.	Tin	RMAP
IMPAG AG	Tin	
Zhejiang Asia-Welding Ltd.	Tin	
Elemetal Refining, LLC	Tin	
Precious Minerals and Smelting Limited	Tin	Active
AFICA	Tin	

ALLTECH METAL	Tin
Atlas Pacific	Tin
Aurubis Netherlands	Tin
B T Solders Pvt Ltd	Tin
Balver Zinn - Josef Jost GmbH & Co.KG	Tin
Best Metais	Tin
Chemtreat Consultant	Tin
CHIA FAR	Tin
CIMSA, S.A.	Tin
Colonial Metals, Inc.	Tin
COPPER 100	Tin
Eagle Brass	Tin
Egli Fischer	Tin
Furukawa Electric	Tin
H. KRAMER & CO.	Tin
Hawkins, Inc.	Tin
Hayes Metals Pty Ltd	Tin
HongQiao metal parts	Tin
Ind. Minera Mexico	Tin
Ing.Josef Kořínek	Tin
i-TSCL	Tin
KARAS PLATING LTD	Tin
KIESOW DR. BRINKMANN	Tin
KME France	Tin
KME Germany	Tin
Koepp Schaum GmbH	Tin
M&R Claushuis BV	Tin
MacDermid GmbH	Tin
MANAAS MEYERLARGICAL	Tin
MBO	Tin
Medeko Cast S.R.O.	Tin
Metallum Metal Trading Company	Tin
Mineral-Metal s.r.o.	Tin
Nathan Trotter & Co INC.	Tin
Neuhaus	Tin
Nohon Superior Co.,	Tin
Nortena de Metales, SA	Tin
Prifer Com de Sucata	Tin
REYNOLDS	Tin

ROHM & HAAS	Tin
SAN-ETSU METALS	Tin
SARBAK	Tin
Sevotrans	Tin
Shanghai Hubao Coppe	Tin
SORIMETAL	Tin
swissmetal	Tin
Swopes Salvage	Tin
Technic	Tin
Teck Metals LTD	Tin
Termomecanica	Tin
ThyssenKrupp Steel	Tin
TODINI AND CO SPA	Tin
Vitkovicke slevarny	Tin
Watanabe Plating co.	Tin
Westfalenzinn	Tin
Winter Metalle GmbH	Tin
Electroloy Metal Pte	Tin
POONGSAN CORPORATION	Tin
Brinkmann Chemie AG	Tin
CFC Cooperativa dos Fundidores de Cassiterita da Amazonia Ltda.	Tin
Westmetall GmbH & Co. KG	Tin
CSC Pure Technologies	Tin
Samhwa non-ferrorus Metal ind.co.ltd	Tin
Shen Mao Solder (M) Sdn. Bhd	Tin
AIM Group	Tin
Amalgamated Metal Corporation PLC	Tin
American Iron and Metal	Tin
Asahi Pretec Corporation	Tin
High Quality Technology Co., Ltd.	Tin
IBF IND Brasileira de Ferroligas Ltda	Tin
Jin Tian	Tin
LITTELFUSE	Tin
MCP Metalspecialties, Inc	Tin
MK Electron	Tin
Nihon Superior Co., Ltd.	Tin
PT Tanloaug Tinah	Tin
Rahman Hydraulic Tin Sdn Bhd	Tin
Senju Metal Industry Co., Ltd.	Tin

ShangHai YueQiang Metal Products Co., LTD	Tin	
Taicang City Nancang Metal Material Co., Ltd.	Tin	
Tamura	Tin	
Jean Goldschmidt International	Tin	
Gejiu City Fuxiang Industry and Trade Co., Ltd.	Tin	
Duroplast Brasil Resinas Eireli	Tin	
Luna Smelter, Ltd.	Tin	RMAP
Gebrueder Kemper GMBH	Tin	
Suzhou Xingrui Noble	Tin	
Gold Bell Group	Tin	
CV Makmur Jaya	Tin	
PT HP Metals Indonesia	Tin	
PT Yinchendo Mining Industry	Tin	
Novosibirsk Processing Plant Ltd.	Tin	
An Xin Xuan Xin Yue You Se Jin Shu Co. Ltd.	Tin	
PT Supra Sukses Trinusa	Tin	
PT Donna Kembara Jaya	Tin	
PT Singkep Times Utama	Tin	
Shanghai Minghe Metal Material Co. Ltd.	Tin	
China Hongqiao	Tin	
Minmetals Ganzhou Tin Co. Ltd.	Tin	
CHINA YUNXI MINING	Tin	
Chofu Works	Tin	
Cloud Hunan	Tin	
Copper Suzhou Co.	Tin	
Custom Alloy Light Metals Inc.	Tin	
CWB Materials	Tin	
Dae Kil Metal Co., Ltd	Tin	
DAEWOO INTERNATIONAL CORPORATION	Tin	
Diehl Metall	Tin	
Doctor of solder products Co., LTD	Tin	
Dongguan Dongwu Violent-toxic Chemical Products Co., Ltd.	Tin	
DONGGUAN DONGXU METAL SURFACE HANDLE CO.,LTD	Tin	
Dongguan lason metel materials co,.ltd	Tin	
Dongguan Yuecheng metal materials Co., Ltd.	Tin	
Dongguan zhong ju tin electronic CO.,LTD.	Tin	
DrIng. Max Schlotter GmbH & Co. KG	Tin	
DUKSAN HI-METAL	Tin	
DUOXIN	Tin	

Eastern Alloys	Tin
Electrology Corporation Sdn. Bhd	Tin
Essar Steel Algoma	Tin
E-tech Philippines	Tin
Eximetal S.A.	Tin
First Copper Technology Co., Ltd.	Tin
Fuji Metal Mining Corp.	Tin
Fundipar	Tin
GEJIU YE LIAN CHANG	Tin
Gejiu Yunxi Group Corp.	Tin
Gibbs Wire & Steel Co	Tin
Gomat-e-K.	Tin
Goodway	Tin
Grant Manufacturing and Alloying	Tin
Grillo Handel	Tin
GUANGDONG JIATIAN STANNUM PRODUCTS CO., LTD	Tin
GUANGXI HUA TIN GOLD MINUTE FEE, LTD.	Tin
Guangzhou Nonferrous Metal Research	Tin
GUANGZHOU TIANSHUO ELECTRONI TECHNOLOGY.CO.LTD	Tin
H.J. Enthoven & Sons	Tin
Hai Yuxin Xi Zhuhai Co., Ltd.	Tin
Hana-High Metal	Tin
Hanbaek nonferrous metals	Tin
HeeSung Metal Ltd.	Tin
Henan Province in Gold Investment Management Ltd.	Tin
Heraeus Group	Tin
High-Power Surface Technology	Tin
Hitachi	Tin
HL Thorne	Tin
HUA ENG WIRE&CABLE CO.,LTD	Tin
GuanXi HuaXi metal factory	Tin
Huaxi Smelting Co. Ltd	Tin
Huizhou Taiwan Electronic Component Limited Company	Tin
Hunan Chunchang Nonferrous Metals Co., Ltd.	Tin
Hyundai-Steel	Tin
IMC-MetalsAmerica, LLC	Tin
Imperial Zinc	Tin
Taiwan high-tech Co., Ltd.	Tin
INBRA IND E COM DE METAIS LTDA	Tin

Increasingly and Chemical (Suzhou) Co., Ltd.	Tin
INDIUM CORPORATION OF EUROPE	Tin
International Wire Group, Inc	Tin
IPS New Material (Suzhou) Co., Ltd.	Tin
ISHIKAWA METAL CO.,LTD.	Tin
Jau Janq Enterprise Co., Ltd.	Tin
PT Timah Tbk	Tin
Jiangmen Huayuan Industry Co. Ltd	Tin
Jiangxi Copper Company Limited	Tin
JiangXi JiaWang	Tin
jin yi group	Tin
Ju Tai Industrial Co., Ltd.	Tin
JX Nippon Mining & Metals Co., Ltd.	Tin
Kalas Wire	Tin
Katabang	Tin
Keeling & Walker	Tin
Kewei Tin Co.,ltd	Tin
KIHONG T & G	Tin
KOKI Company Limited	Tin
Koki Products Co.,Ltd	Tin
Kuan Shuo Ind. Co. Ltd	Tin
Kunshan tianhe solder manufacturing Co. LTD	Tin
Kunshan xiubo	Tin
Kuntai	Tin
Kupol	Tin
Levitra can Shenzhen Electronic Technology Co. Ltd.	Tin
Leybold Co., Ltd.	Tin
LI CHUN METALS CO. LTD.	Tin
LIAN JING	Tin
Lingbao Jinyuan Tonghui Refinery Co., Ltd.	Tin
LS-NIKKO Copper Inc.	Tin
Luo Yang ZIJIN YINHUI Gold Smelting Co., Ltd	Tin
LUPON ENTERPRISE CO., LTD	Tin
Malaysia Aluminium & Alloy Sdn.Bhd	Tin
Mecomsa, S.A. de C.V.	Tin
MENG NENG	Tin
Metaconcept International	Tin
Midland Industries Inc.	Tin
Millard Wire	Tin

Multiple Xin precision metal electroplating factory	Tin
N.E. Chemcat	Tin
	Tin
NIHON GENMA MFG.CO.,LTD.	
Nihon Kagaku Sangyo	Tin
Ningbo Jintian copper (Group ) Company Limited	Tin
Nippon Filler Metals Ltd	Tin
North Star BlueScope Steel, LLC	Tin
Nucor Steel Gallatin	Tin
Ohio Precious Metals, LLC	Tin
OM Group	Tin
Oxbow Metales Mexico S. de R.L de C.V	Tin
Palm International	Tin
Parex International Corp.	Tin
PBT	Tin
PHONON MEIWA INC.	Tin
Plansee	Tin
PT Smelting	Tin
PT Citralogam Alphasejahtera	Tin
RedRing Solder (M) Sdn. Bhd	Tin
REDSUN METAL IND. CO., LTD.	Tin
Richard Stenzhorn GmbH	Tin
SENDANEX CHEMICAL INDUSTRY & RICHEMAX INTERNATIO	NAL CO.,LTD. Tin
Ritchey Metals	Tin
RSI	Tin
RST	Tin
S Company	Tin
Salzgitter	Tin
SAMATRON CO.,Ltd.	Tin
Samtec	Tin
seirenngyousya	Tin
Selayang Solder sdn Bhd	Tin
Severstal	Tin
SGS	Tin
Shan Tou Shi Yong Yuan Jin Shu Zai Sheng Co., Ltd.	Tin
SHANGHAI YUANHAO SURFACE FINISHING CO., LTD	Tin
ShangQi	Tin
Shao Xing Tian Long Tin Materials Co., Ltd.	Tin
Shapiro Metals	Tin
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shen zhen qi xiang da hua gong gong si	Tin
Shen Zhen Rui Yun Feng Industry Co.,Ltd	Tin
Shenzhen Chemicals Light Industry Co., Ltd.	Tin
Shenzhen City Thai Industrial CO., LTD.	Tin
Shenzhen keaixin Technology	Tin
Shenzhen new jin spring solder products Co., LTD	Tin
Shenzhen Yi Cheng Industrial	Tin
Showa Kako	Tin
SHUER DER INDUSTRY (JIANGSU) CO.,LTD	Tin
Singapore Asahi Chemical & Solder Industries Pte Ltd	Tin
Sizer Metals PTE Ltd	Tin
Snow up to the city of Suzhou Chemical Co., Ltd	Tin
So Accurate Group, Inc.	Tin
Solder Coat	Tin
Solderindo	Tin
Spectro Alloys Corp.	Tin
STANCHEM Sp. j. (trader)	Tin
"Standard" Sp z o.o.	Tin
Steel Dynamics	Tin
Stretti	Tin
Sun Surface Technology Co Ltd	Tin
Sundwiger Messingwerk GmbH & Co.KG	Tin
Suzhou Feixiang Solder Materials Co., Ltd.	Tin
Suzhou Jinyi jewelry factory	Tin
TAIWAN TOTAI CO., LTD.	Tin
ТАР	Tin
TCC steel	Tin
TDK	Tin
TENNANT METAL PTY LTD.	Tin
The force bridge surface treatment Material Factory	Tin
The Miller Company	Tin
Tiancheng Metal Materials Co., Ltd.	Tin
Tianjin Huamei Wafangdian Bearing Sales Co., Ltd.	Tin
Tianshui Ling Bo Technology Co., Ltd.	Tin
TIN PLATING GEJIU	Tin
Guangdong Anson tin products manufacturing company	Tin
Tochij	Tin
Tongding Group	Tin
Tongling Nonferrous Metals Group Co., Ltd.	Tin

The second s	
Traxys	Tin
Umicore SA Business Unit Precious Metals Refining	Tin
UNIFORCE METAL INDUSTRIAL CORP.	Tin
Univertical International (Suzhou) Co., Ltd	Tin
Untracore Co., Ltd.	Tin
VISHAY	Tin
WC Heraeus	Tin
WELL FORE SPECIAL WIRE	Tin
WELLEY	Tin
Well-Lin Enterprise Co Ltd	Tin
Wieland Werke AG	Tin
WKK EMS EQUIPMENT(SHENZHEN) LTD.	Tin
WUJIANG CITY LUXE TIN FACTORY	Tin
Wuxi Lantronic Electronic Co Ltd	Tin
WUXI YUNXI SANYE SOLDER FACTORY	Tin
Foshan Nanhai Xihai Metal material Co., Ltd.	Tin
Xin Furukawa Metal ( Wuxi ) Co., Ltd.	Tin
Yantai Zhaojin Lifu Precious Metals Co., Ltd.	Tin
Yao Zhang	Tin
Yi Chengda Tin Corp.Ltd	Tin
Yifeng Tin	Tin
YQ	Tin
Yuken Kogyo Co., Ltd	Tin
Yun Lan Xi Ye	Tin
Yunnan Dian'xi Tin Mine	Tin
Yunnan Chengo Electric Smelting Plant	Tin
Yunnan Metallurgical Group Co.,Ltd	Tin
yunnan xi ye gufen youxian gongsi	Tin
YUNSIN	Tin
Zhangzhou Hiromi Non-ferrous Metals Co., Ltd.	Tin
Zhangzhou Xiangcheng Hongyu Building	Tin
Shandong Zhaojin Gold & Silver Refinery Co., Ltd.	Tin
ZHEJIANG HUANGYAN XINQIAN ELECTRICAL	Tin
ZHEJIANG STRONG SOLDER MATERIALS	TIN
Shenzhen Boshida Soldering Tin Industrial Co.,Ltd.	Tin
Zhongyuan Gold Smelter of Zhongjin Gold Corporation	Tin
ZhongShi	Tin
Zhuhai Horyison Solder Co., Ltd.	Tin
Zhuzhou Cemented Carbide	Tin

Zi Jin Yinhui gold smelters	Tin	
Zong Yang Industrial Co., Ltd.	Tin	
Guangxi Zhongshan Jin Yi Smelting Co., Ltd.	Tin	
Hongqiao Metals (Kunshan) Co., Ltd.	Tin	
Hulterworth Smelter	Tin	
Materials Eco-Refining Co., Ltd.	Tin	
Metahub Industries Sdn. Bhd.	Tin	
Minchali Metal Industry Co., Ltd.	Tin	
Ming Li Jia smelt Metal Factory	Tin	
Ney Metals and Alloys	Tin	
Pan Light Corporation	Tin	
PT NATARI	TIN	
Solder Court Ltd.	Tin	
Suzhou Nuonengda Chemical Co., Ltd.	Tin	
Taiwan Huanliang	Tin	
Taiwan's lofty Enterprises Ltd.	Tin	
Thailand Mine Factory	Tin	
Three green surface technology limited company	Tin	
Top-Team Technology (Shenzhen) Ltd.	Tin	
Xianghualing Tin Industry Co., Ltd.	Tin	
XURI	Tin	
Yiquan Manufacturing	Tin	
Yuecheng Tin Co., Ltd.	Tin	
Arco Alloys	Tin	
Dongguan City Xida Soldering Tin Products Co.	Tin	
Shenzhen Hong Chang Metal Manufacturing Factory	Tin	
Sichuan Guanghan Jiangnan casting smelters	Tin	
Sigma Tin Alloy Co., Ltd.	Tin	
Chongyi Zhangyuan Tungsten Co., Ltd.	Tungsten	RMAP
Ganzhou Huaxing Tungsten Products Co., Ltd.	Tungsten	RMAP
Xiamen Tungsten Co., Ltd.	Tungsten	RMAP
Jiangxi Xinsheng Tungsten Industry Co., Ltd.	Tungsten	RMAP
Ganzhou Seadragon W & Mo Co., Ltd.	Tungsten	RMAP
Hunan Chunchang Nonferrous Metals Co., Ltd.	Tungsten	RMAP
Global Tungsten & Powders Corp.	Tungsten	RMAP
Kennametal Huntsville	Tungsten	RMAP
Xiamen Tungsten (H.C.) Co., Ltd.	Tungsten	RMAP
A.L.M.T. Corp.	Tungsten	RMAP
Guangdong Xianglu Tungsten Co., Ltd.	Tungsten	RMAP

H.C. Starck Smelting GmbH & Co. KG	Tungsten	RMAP
Japan New Metals Co., Ltd.	Tungsten	RMAP
Masan Tungsten Chemical LLC (MTC)	Tungsten	RMAP
Tejing (Vietnam) Tungsten Co., Ltd.	Tungsten	RMAP
Wolfram Bergbau und Hutten AG	Tungsten	RMAP
Fujian Jinxin Tungsten Co., Ltd.	Tungsten	RMAP
Hunan Chenzhou Mining Co., Ltd.	Tungsten	RMAP
Kennametal Fallon	Tungsten	RMAP
Vietnam Youngsun Tungsten Industry Co., Ltd.	Tungsten	
Xinhai Rendan Shaoguan Tungsten Co., Ltd.	Tungsten	RMAP
Ganzhou Jiangwu Ferrotungsten Co., Ltd.	Tungsten	RMAP
Jiangxi Yaosheng Tungsten Co., Ltd.	Tungsten	RMAP
Jiangxi Tonggu Non-ferrous Metallurgical & Chemical Co., Ltd.	Tungsten	RMAP
Malipo Haiyu Tungsten Co., Ltd.	Tungsten	RMAP
Jiangxi Gan Bei Tungsten Co., Ltd.	Tungsten	RMAP
Asia Tungsten Products Vietnam Ltd.	Tungsten	RMAP
Chenzhou Diamond Tungsten Products Co., Ltd.	Tungsten	RMAP
Jiangxi Xiushui Xianggan Nonferrous Metals Co., Ltd.	Tungsten	
H.C. Starck Tungsten GmbH	Tungsten	RMAP
Jiangwu H.C. Starck Tungsten Products Co., Ltd.	Tungsten	RMAP
Hunan Chuangda Vanadium Tungsten Co., Ltd. Wuji	Tungsten	RMAP
Niagara Refining LLC	Tungsten	RMAP
Hydrometallurg, JSC	Tungsten	RMAP
Unecha Refractory metals plant	Tungsten	RMAP
Philippine Chuangxin Industrial Co., Inc.	Tungsten	RMAP
Xinfeng Huarui Tungsten & Molybdenum New Material Co., Ltd.	Tungsten	RMAP
ACL Metais Eireli	Tungsten	RMAP
Woltech Korea Co., Ltd.	Tungsten	RMAP
Moliren Ltd.	Tungsten	RMAP
Ganzhou Haichuang Tungsten Co., Ltd.	Tungsten	RMAP
South-East Nonferrous Metal Company Limited of Hengyang City	Tungsten	
Hunan Litian Tungsten Industry Co., Ltd.	Tungsten	RMAP
Jiangxi Minmetals Gao'an Non-ferrous Metals Co., Ltd.	Tungsten	
Ganzhou Yatai Tungsten Co., Ltd.	Tungsten	
Jiangxi Xianglu Tungsten Co., Ltd.	Tungsten	Active
Zhuzhou Cemented Carbide Group Co., Ltd.	Tungsten	
Dayu Jincheng Tungsten Industry Co., Ltd.	Tungsten	
Dayu Weiliang Tungsten Co., Ltd.	Tungsten	
Ganxian Shirui New Material Co., Ltd.	Tungsten	
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Ganzhou Non-ferrous Metals Smelting Co., Ltd.	Tungsten	
Hunan Chuangda Vanadium Tungsten Co., Ltd. Yanglin	Tungsten	
Pobedit, JSC	Tungsten	
Sanher Tungsten Vietnam Co., Ltd.	Tungsten	
KGETS Co., Ltd.	Tungsten	RMAP
Lianyou Metals Co., Ltd.	Tungsten	RMAP
CNMC (Guangxi) PGMA Co., Ltd.	Tungsten	
H.C. Starck Group	Tungsten	
WOLFRAM Company CJSC	Tungsten	
Fujian Ganmin RareMetal Co., Ltd.	Tungsten	RMAP
JSC "Kirovgrad Hard Alloys Plant"	Tungsten	Active
China Molybdenum Co., Ltd.	Tungsten	
Albasteel Industria e Comercio de Ligas Para Fundicao Ltd.	Tungsten	Active
CP Metals Inc.	Tungsten	Active
GEM Co., Ltd.	Tungsten	
NPP Tyazhmetprom LLC	Tungsten	
Nippon Steel	Tungsten	
Xiamen Golden Egret Special Alloy Co. Ltd.	Tungsten	
Jiangxi Richsea New Materials Co., Ltd.	Tungsten	
China Minmetals Non-ferrous Metals Holding Co., Ltd.	Tungsten	
Degutea	Tungsten	
Fort Wayne Wire Die, Inc.	Tungsten	
Ganzhou Hongfei Materials Co.	Tungsten	
Hitachi	Tungsten	
IES Technical Sales	Tungsten	
Integrated Circuit	Tungsten	
Izawa metal Co.,Ltd	Tungsten	
JX Nippon Mining & Metals Co., Ltd.	Tungsten	
Jiangxi	Tungsten	
Jiangxi Rare Metals Tungsten Holdings Group Co., Ltd.	Tungsten	
Kanto Denka Kogyo Co., Ltd.	Tungsten	
KYORITSU GOKIN CO. LTD	Tungsten	
Materion	Tungsten	
Micro 100	Tungsten	
Midwest Tungsten Wire Co.	Tungsten	
Nanchang Cemented Carbide Limited Liability Company	Tungsten	
Nihon Superior Co., Ltd.	Tungsten	
Ninghua Xingluokeng Tungsten Mining Co., Ltd.	Tungsten	
Nippon Kinzoku	Tungsten	
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Nippon Micrometal Corporation	Tungsten
SIPING NIPPON TUNGSTEN INDUSTIALS CO.,LTD	Tungsten
North American Tungsten	Tungsten
Plansee	Tungsten
Praxair	Tungsten
Sandvik Material Technology	Tungsten
Sincemat Co, Ltd.	Tungsten
Sumitomo Metal Mining Co., Ltd.	Tungsten
Sunaga Tungsten	Tungsten
Sylham	Tungsten
TaeguTec	Tungsten
Taiyo Nippon Sanso Trading (Shanghai) Co., LTD	Tungsten
Tosoh	Tungsten
Triumph Northwest	Tungsten
ULVAC	Tungsten
Voss Metals Company, Inc.	Tungsten
Wuxi Middle Treasure Materials	Tungsten
Xiamen Honglu Tungsten Molybdenum Co., Ltd.	Tungsten
China National Nonferrous Metals Imp. & Exp. Jiangxi Co., Ltd.	Tungsten
Chunbao Carbide Science & Technology Co., Ltd.	Tungsten
Toshiba Material Co., Ltd.	Tungsten
Zhangzhou Chuen Bao Apt Smeltery Co., Ltd.	Tungsten
DAIDO STEEL	Tungsten
Ganzhou Beseem Ferrotungsten Co., Ltd.	Tungsten
Luoyang Mudu Tungsten & Molybdenum Technology Co., Ltd.	Tungsten

Based on the information obtained in the Company's due diligence process, the Company does not have sufficient information to determine the country of origin of all Conflict Minerals in the Covered Products. However the following represent the countries of origin identified by the SORs set forth above. The Company's efforts to determine the mine(s) or location of origin with the greatest possible specificity are described in the RCOI and due diligence discussion above.

METALS	COUNTRY OF ORIGIN		
	ANDORRA, AUSTRALIA, AUSTRIA, BELGIUM, BOLIVIA (PLURINATIONAL STATE OF), BRAZIL, CANADA, CHILE,		
	CHINA, COLOMBIA, CZECH REPUBLIC, FRANCE, GERMANY, GHANA, INDIA, INDONESIA, ITALY, JAPAN,		
	KAZAKHSTAN, REPUBLIC OF KOREA, KYRGYZSTAN, LITHUANIA, MALAYSIA, MEXICO, NETHERLANDS, NEW		
	ZEALAND, PHILIPPINES, POLAND, RUSSIAN FEDERATION, SAUDI ARABIA, SINGAPORE, SOUTH AFRICA, SPAIN,		
	SUDAN, SWEDEN, SWITZERLAND, TAIWAN PROVINCE OF CHINA, THAILAND, TURKEY, UGANDA, UNITED ARAB		
	EMIRATES, UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND, UNITED STATES OF AMERICA,		
Gold	UZBEKISTAN, ZAMBIA, ZIMBABWE.		

Tantalum	AUSTRIA, BRAZIL, CHINA, ESTONIA, ETHIOPIA, GERMANY, INDIA, JAPAN, KAZAKHSTAN, MEXICO, REPUBLIC OF NORTH MACEDONIA, RUSSIAN FEDERATION, SOUTH AFRICA, THAILAND, UNITED STATES OF AMERICA.
Tin	ARGENTINA, AUSTRALIA, AUSTRIA, BELGIUM, BOLIVIA (PLURINATIONAL STATE OF), BRAZIL, CANADA, CHINA, FRANCE, GERMANY, INDIA, INDONESIA, JAPAN, REPUBLIC OF KOREA, LUXEMBOURG, MALAYSIA, MEXICO, MYANMAR, PERU, PHILIPPINES, POLAND, RUSSIAN FEDERATION, RWANDA, SINGAPORE, SPAIN, TAIWAN PROVINCE OF CHINA, THAILAND, TURKEY, UNITED STATES OF AMERICA, VIETNAM.
Tungsten	AUSTRIA, BRAZIL, CANADA, CHINA, GERMANY, JAPAN, REPUBLIC OF KOREA, PHILIPPINES, RUSSIAN FEDERATION SWEDEN, TAIWAN PROVINCE OF CHINA, UNITED STATES OF AMERICA, VIETNAM.

Given that not all of the SORs identified by the Company's suppliers are certified by an independent third-party, that the SOR information obtained from suppliers did not correspond specifically to products/components supplied to the Company (and may therefore include SORs and/or countries of origin that are not applicable to the Conflict Minerals used in our products), a few surveyed suppliers either did not respond to our requests for information or did not provide SOR information, and because necessary Conflict Minerals in a particular Covered Product may be sourced from multiple SORs, although the Company reasonably believes that certain of its necessary Conflict Minerals in the Covered Products may be from Covered Countries (as described above), it could not determine the country of origin for all Covered Products. In addition, based on the foregoing, the Company was unable to determine whether the necessary Conflict Minerals in the Covered Products were from recycled or scrap sources, or came from sources that directly or indirectly financed or benefitted armed groups in the Covered Countries, as such term is defined in Rule 13p-1. However, of all responding suppliers in the Company's due diligence process, none indicated (at any point during the RCOI or due diligence process) that it had sourced Countries.

Celestica intends to undertake the following steps during the next compliance period to improve the due diligence conducted to further determine whether Conflict Minerals in its Covered Products are sourced from the Covered Countries, or are from recycled or scrap sources, and to mitigate the risk that its necessary Conflict Minerals sourced from Covered Countries finance or benefit armed groups, including:

- Engage suppliers that responded in 2019 to refresh and update sourcing information as appropriate;
- · Review and update the list of products and associated suppliers designated as "in-scope";
- Encourage suppliers to implement responsible sourcing; and
- · Participate in industry initiatives encouraging "conflict-free" supply chains.

## Cautionary Note Concerning Forward-Looking Statements

Certain statements in this report are "forward-looking" within the meaning of the Private Securities Litigation Reform Act of 1995. Words such as "intends," "expects," "plans," "believes," "estimates," "anticipates," and similar expressions are used to identify these forward-looking statements. Examples of forward-looking statements include statements relating to our future plans, and any other statement that does not directly relate to any historical or current fact. Forward-looking statements are based on our current expectations and assumptions, which may not prove to be accurate. These statements are not guarantees and are subject to risks, uncertainties and changes in circumstances that are difficult to predict, including, but not limited to, regulatory changes and judicial developments related to the Conflict Minerals rule; changes in or developments related to our products or supply chain; and/or industry developments relating to supply chain diligence, disclosure and other practices. Actual outcomes and results may differ materially from these forward-looking statements. As a result, these statements speak only as of the date they are made and we undertake no obligation to update or revise any forward-looking statement, except as required by law.