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## MSI Conflict Minerals Policy :

In respect of international human rights, MSI will take related measures to avoid using Conflict Minerals, including asking suppliers to conduct due diligence to investigate and confirm the source of raw material and provide investigation reports. MSI will take all necessary measures to replace the Conflict Metals, if any, used in supplier product.

**Please refer below list for the smelters which MSI supply chain used:**

Metal	Smelter Reference List	Smelter Country
Tantalum	Asaka Riken Co., Ltd.	JAPAN
Tantalum	Changsha South Tantalum Niobium Co., Ltd.	CHINA
Tantalum	Exotech Inc.	UNITED STATES OF AMERICA
Tantalum	F&X Electro-Materials Ltd.	CHINA
Tantalum	Guangdong Zhiyuan New Material Co., Ltd.	CHINA
Tantalum	JiuJiang JinXin Nonferrous Metals Co., Ltd.	CHINA
Tantalum	Jiujiang Tanbre Co., Ltd.	CHINA
Tantalum	LSM Brasil S.A.	BRAZIL
Tantalum	Metallurgical Products India Pvt., Ltd.	INDIA
Tantalum	Mineracao Taboca S.A.	BRAZIL
Tantalum	Mitsui Mining and Smelting Co., Ltd.	JAPAN
Tantalum	NPM Silmet AS	ESTONIA
Tantalum	Ningxia Orient Tantalum Industry Co., Ltd.	CHINA
Tantalum	QuantumClean	UNITED STATES OF AMERICA
Tantalum	Yanling Jincheng Tantalum & Niobium Co., Ltd.	CHINA
Tantalum	Solikamsk Magnesium Works OAO	RUSSIAN FEDERATION
Tantalum	Taki Chemical Co., Ltd.	JAPAN
Tantalum	Telex Metals	UNITED STATES OF AMERICA
Tantalum	Ulba Metallurgical Plant JSC	KAZAKHSTAN
Tantalum	Hengyang King Xing Lifeng New Materials Co., Ltd.	CHINA
Tantalum	D Block Metals, LLC	UNITED STATES OF AMERICA
Tantalum	FIR Metals & Resource Ltd.	CHINA
Tantalum	Jiujiang Zhongao Tantalum & Niobium Co., Ltd.	CHINA

Tantalum	XinXing HaoRong Electronic Material Co., Ltd.	CHINA
Tantalum	Jiangxi Dinghai Tantalum & Niobium Co., Ltd.	CHINA
Tantalum	KEMET Blue Metals	MEXICO
Tantalum	H.C. Starck Co., Ltd.	THAILAND
Tantalum	H.C. Starck Tantalum and Niobium GmbH	GERMANY
Tantalum	H.C. Starck Hermsdorf GmbH	GERMANY
Tantalum	H.C. Starck Inc.	UNITED STATES OF AMERICA
Tantalum	H.C. Starck Ltd.	JAPAN
Tantalum	H.C. Starck Smelting GmbH & Co. KG	GERMANY
Tantalum	Global Advanced Metals Boyertown	UNITED STATES OF AMERICA
Tantalum	Global Advanced Metals Aizu	JAPAN
Tantalum	Resind Industria e Comercio Ltda.	BRAZIL
Tantalum	Jiangxi Tuohong New Raw Material	CHINA
Tantalum	PRG Dooel	NORTH MACEDONIA
Tantalum	CP Metals Inc.	UNITED STATES OF AMERICA
Tantalum	Guangdong Rising Rare Metals-EO Materials Ltd.	CHINA
Tantalum	KEMET Blue Powder	UNITED STATES OF AMERICA
Tantalum	Jiujiang Janny New Material Co., Ltd.	CHINA

Metal	Smelter Reference List	Smelter Country
Gold	Advanced Chemical Company	UNITED STATES OF AMERICA
Gold	Aida Chemical Industries Co., Ltd.	JAPAN
Gold	Allgemeine Gold-und Silberscheideanstalt A.G.	GERMANY
Gold	Almalyk Mining and Metallurgical Complex (AMMC)	UZBEKISTAN
Gold	AngloGold Ashanti Corrego do Sitio Mineracao	BRAZIL
Gold	Argor-Heraeus S.A.	SWITZERLAND
Gold	Asahi Pretec Corp.	JAPAN
Gold	Asaka Riken Co., Ltd.	JAPAN
Gold	Aurubis AG	GERMANY
Gold	Bangko Sentral ng Pilipinas (Central Bank of the Philippines)	PHILIPPINES
Gold	Boliden AB	SWEDEN
Gold	C. Hafner GmbH + Co. KG	GERMANY
Gold	CCR Refinery - Glencore Canada Corporation	CANADA
Gold	Cendres + Metaux S.A.	SWITZERLAND
Gold	Chimet S.p.A.	ITALY
Gold	Chugai Mining	JAPAN
Gold	Daye Non-Ferrous Metals Mining Ltd.	CHINA
Gold	DSC (Do Sung Corporation)	KOREA, REPUBLIC OF

Gold	DODUCO Contacts and Refining GmbH	GERMANY
Gold	Dowa	JAPAN
Gold	Eco-System Recycling Co., Ltd. East Plant	JAPAN
Gold	OJSC Novosibirsk Refinery	RUSSIAN FEDERATION
Gold	LT Metal Ltd.	KOREA, REPUBLIC OF
Gold	Heimerle + Meule GmbH	GERMANY
Gold	Heraeus Metals Hong Kong Ltd.	CHINA
Gold	Heraeus Precious Metals GmbH & Co. KG	GERMANY
Gold	Inner Mongolia Qiankun Gold and Silver Refinery Share Co., Ltd.	CHINA
Gold	Ishifuku Metal Industry Co., Ltd.	JAPAN
Gold	Istanbul Gold Refinery	TURKEY
Gold	Japan Mint	JAPAN
Gold	Jiangxi Copper Co., Ltd.	CHINA
Gold	Asahi Refining USA Inc.	UNITED STATES OF AMERICA
Gold	Asahi Refining Canada Ltd.	CANADA
Gold	JSC Uralelectromed	RUSSIAN FEDERATION
Gold	JX Nippon Mining & Metals Co., Ltd.	JAPAN
Gold	Kazzinc	KAZAKHSTAN
Gold	Kennecott Utah Copper LLC	UNITED STATES OF AMERICA
Gold	Kojima Chemicals Co., Ltd.	JAPAN
Gold	Kyrgyzaltyn JSC	KYRGYZSTAN
Gold	LS-NIKKO Copper Inc.	KOREA, REPUBLIC OF
Gold	Materion	UNITED STATES OF AMERICA
Gold	Matsuda Sangyo Co., Ltd.	JAPAN
Gold	Metalor Technologies (Suzhou) Ltd.	CHINA
Gold	Metalor Technologies (Hong Kong) Ltd.	CHINA
Gold	Metalor Technologies (Singapore) Pte., Ltd.	SINGAPORE
Gold	Metalor Technologies S.A.	SWITZERLAND
Gold	Metalor USA Refining Corporation	UNITED STATES OF AMERICA
Gold	Metalurgica Met-Mex Penoles S.A. De C.V.	MEXICO
Gold	Mitsubishi Materials Corporation	JAPAN
Gold	Mitsui Mining and Smelting Co., Ltd.	JAPAN
Gold	Moscow Special Alloys Processing Plant	RUSSIAN FEDERATION
Gold	Nadir Metal Rafineri San. Ve Tic. A.S.	TURKEY
Gold	Navoi Mining and Metallurgical Combinat	UZBEKISTAN
Gold	Nihon Material Co., Ltd.	JAPAN
Gold	Ohura Precious Metal Industry Co., Ltd.	JAPAN
Gold	OJSC "The Gulidov Krasnoyarsk Non-Ferrous Metals Plant" (OJSC Krastsvetmet)	RUSSIAN FEDERATION
Gold	PAMP S.A.	SWITZERLAND

Gold	Prioksky Plant of Non-Ferrous Metals	RUSSIAN FEDERATION
Gold	PT Aneka Tambang (Persero) Tbk	INDONESIA
Gold	PX Precinox S.A.	SWITZERLAND
Gold	Rand Refinery (Pty) Ltd.	SOUTH AFRICA
Gold	Royal Canadian Mint	CANADA
Gold	Samduck Precious Metals	KOREA, REPUBLIC OF
Gold	SEMPSA Joyeria Plateria S.A.	SPAIN
Gold	Shandong Zhaojin Gold & Silver Refinery Co., Ltd.	CHINA
Gold	Sichuan Tianze Precious Metals Co., Ltd.	CHINA
Gold	SOE Shyolkovsky Factory of Secondary Precious Metals	RUSSIAN FEDERATION
Gold	Solar Applied Materials Technology Corp.	TAIWAN, PROVINCE OF CHINA
Gold	Sumitomo Metal Mining Co., Ltd.	JAPAN
Gold	Tanaka Kikinzoku Kogyo K.K.	JAPAN
Gold	Great Wall Precious Metals Co., Ltd. of CBPM	CHINA
Gold	The Refinery of Shandong Gold Mining Co., Ltd.	CHINA
Gold	Tokuriki Honten Co., Ltd.	JAPAN
Gold	Tongling Nonferrous Metals Group Co., Ltd.	CHINA
Gold	Torecom	KOREA, REPUBLIC OF
Gold	Umicore Brasil Ltda.	BRAZIL
Gold	Umicore S.A. Business Unit Precious Metals Refining	BELGIUM
Gold	United Precious Metal Refining, Inc.	UNITED STATES OF AMERICA
Gold	Valcambi S.A.	SWITZERLAND
Gold	Western Australian Mint (T/a The Perth Mint)	AUSTRALIA
Gold	Yamakin Co., Ltd.	JAPAN
Gold	Yokohama Metal Co., Ltd.	JAPAN
Gold	Zhongyuan Gold Smelter of Zhongjin Gold Corporation	CHINA
Gold	Gold Refinery of Zijin Mining Group Co., Ltd.	CHINA
Gold	SAFINA A.S.	CZECHIA
Gold	Umicore Precious Metals Thailand	THAILAND
Gold	Geib Refining Corporation	UNITED STATES OF AMERICA
Gold	MMTC-PAMP India Pvt., Ltd.	INDIA
Gold	KGHM Polska Miedz Spolka Akcyjna	POLAND
Gold	Singway Technology Co., Ltd.	TAIWAN, PROVINCE OF CHINA
Gold	Al Etihad Gold Refinery DMCC	UNITED ARAB EMIRATES
Gold	Emirates Gold DMCC	UNITED ARAB EMIRATES
Gold	T.C.A S.p.A	ITALY
Gold	REMONDIS PMR B.V.	NETHERLANDS
Gold	Korea Zinc Co., Ltd.	KOREA, REPUBLIC OF
Gold	Marsam Metals	BRAZIL
Gold	TOO Tau-Ken-Altyn	KAZAKHSTAN
Gold	SAAMP	FRANCE

Gold	L'Orfebre S.A.	ANDORRA
Gold	8853 S.p.A.	ITALY
Gold	Italpreziosi	ITALY
Gold	SAXONIA Edelmetalle GmbH	GERMANY
Gold	WIELAND Edelmetalle GmbH	GERMANY
Gold	Ogussa Österreichische Gold- und Silber-Scheideanstalt GmbH	AUSTRIA
Gold	AU Traders and Refiners	SOUTH AFRICA
Gold	Modeltech Sdn Bhd	MALAYSIA
Gold	Bangalore Refinery	INDIA
Gold	SungEel HiMetal Co., Ltd.	KOREA, REPUBLIC OF
Gold	Planta Recuperadora de Metales SpA	CHILE
Gold	Safimet S.p.A	ITALY
Gold	DS PRETECH Co., Ltd.	KOREA, REPUBLIC OF
Gold	Daejin Indus Co., Ltd.	KOREA, REPUBLIC OF
Gold	Republic Metals Corporation	UNITED STATES OF AMERICA
Gold	Eco-System Recycling Co., Ltd. West Plant	JAPAN
Gold	Eco-System Recycling Co., Ltd. North Plant	JAPAN

Metal	Smelter Reference List	Smelter Country
Tin	Chenzhou Yunxiang Mining and Metallurgy Co., Ltd.	CHINA
Tin	Alpha	UNITED STATES OF AMERICA
Tin	Dowa	JAPAN
Tin	EM Vinto	BOLIVIA (PLURINATIONAL STATE OF)
Tin	Estanho de Rondonia S.A.	BRAZIL
Tin	Fenix Metals	POLAND
Tin	Gejiu Non-Ferrous Metal Processing Co., Ltd.	CHINA
Tin	Gejiu Zili Mining And Metallurgy Co., Ltd.	CHINA
Tin	Huichang Jinshunda Tin Co., Ltd.	CHINA
Tin	Gejiu Kai Meng Industry and Trade LLC	CHINA
Tin	China Tin Group Co., Ltd.	CHINA
Tin	Malaysia Smelting Corporation (MSC)	MALAYSIA
Tin	Metallic Resources, Inc.	UNITED STATES OF AMERICA
Tin	Mineracao Taboca S.A.	BRAZIL
Tin	Minsur	PERU
Tin	Mitsubishi Materials Corporation	JAPAN
Tin	Jiangxi New Nanshan Technology Ltd.	CHINA
Tin	O.M. Manufacturing (Thailand) Co., Ltd.	THAILAND
Tin	Operaciones Metalurgicas S.A.	BOLIVIA (PLURINATIONAL STATE OF)

<b>Tin</b>	PT Artha Cipta Langgeng	INDONESIA
<b>Tin</b>	PT Mitra Stania Prima	INDONESIA
<b>Tin</b>	PT Refined Bangka Tin	INDONESIA
<b>Tin</b>	PT Timah Tbk Kundur	INDONESIA
<b>Tin</b>	Rui Da Hung	TAIWAN, PROVINCE OF CHINA
<b>Tin</b>	Soft Metais Ltda.	BRAZIL
<b>Tin</b>	Thaisarco	THAILAND
<b>Tin</b>	Gejiu Yunxin Nonferrous Electrolysis Co., Ltd.	CHINA
<b>Tin</b>	White Solder Metalurgia e Mineracao Ltda.	BRAZIL
<b>Tin</b>	Yunnan Chengfeng Non-ferrous Metals Co., Ltd.	CHINA
<b>Tin</b>	Yunnan Tin Company Limited	CHINA
<b>Tin</b>	Magnu's Minerais Metais e Ligas Ltda.	BRAZIL
<b>Tin</b>	Melt Metais e Ligas S.A.	BRAZIL
<b>Tin</b>	PT ATD Makmur Mandiri Jaya	INDONESIA
<b>Tin</b>	O.M. Manufacturing Philippines, Inc.	PHILIPPINES
<b>Tin</b>	Electro-Mechanical Facility of the Cao Bang Minerals & Metallurgy Joint Stock Company	VIET NAM
<b>Tin</b>	Resind Industria e Comercio Ltda.	BRAZIL
<b>Tin</b>	Metallo Belgium N.V.	BELGIUM
<b>Tin</b>	Metallo Spain S.L.U.	SPAIN
<b>Tin</b>	Thai Nguyen Mining and Metallurgy Co., Ltd.	VIET NAM
<b>Tin</b>	HuiChang Hill Tin Industry Co., Ltd.	CHINA
<b>Tin</b>	Guanyang Guida Nonferrous Metal Smelting Plant	CHINA
<b>Tin</b>	Modeltech Sdn Bhd	MALAYSIA
<b>Tin</b>	Guangdong Hanhe Non-Ferrous Metal Co., Ltd.	CHINA
<b>Tin</b>	Chifeng Dajingzi Tin Industry Co., Ltd.	CHINA
<b>Tin</b>	PT Bangka Serumpun	INDONESIA
<b>Tin</b>	Tin Technology & Refining	UNITED STATES OF AMERICA
<b>Tin</b>	Dongguan CiEXPO Environmental Engineering Co., Ltd.	CHINA
<b>Tin</b>	Ma'anshan Weitai Tin Co., Ltd.	CHINA
<b>Tin</b>	Yunnan Yunfan Non-ferrous Metals Co., Ltd.	CHINA
<b>Tin</b>	Precious Minerals and Smelting Limited	INDIA
<b>Tin</b>	CV Gita Pesona	INDONESIA
<b>Tin</b>	PT Aries Kencana Sejahtera	INDONESIA
<b>Tin</b>	PT Premium Tin Indonesia	INDONESIA
<b>Tin</b>	CV United Smelting	INDONESIA
<b>Tin</b>	PT Babel Inti Perkasa	INDONESIA
<b>Tin</b>	PT Babel Surya Alam Lestari	INDONESIA
<b>Tin</b>	PT Bangka Tin Industry	INDONESIA
<b>Tin</b>	PT Belitung Industri Sejahtera	INDONESIA

<b>Tin</b>	PT Bukit Timah	INDONESIA
<b>Tin</b>	PT DS Jaya Abadi	INDONESIA
<b>Tin</b>	PT Karimun Mining	INDONESIA
<b>Tin</b>	PT Panca Mega Persada	INDONESIA
<b>Tin</b>	PT Prima Timah Utama	INDONESIA
<b>Tin</b>	PT Sariwiguna Binasentosa	INDONESIA
<b>Tin</b>	PT Stanindo Inti Perkasa	INDONESIA
<b>Tin</b>	PT Sumber Jaya Indah	INDONESIA
<b>Tin</b>	PT Tinindo Inter Nusa	INDONESIA
<b>Tin</b>	PT Tommy Utama	INDONESIA
<b>Tin</b>	CV Venus Inti Perkasa	INDONESIA
<b>Tin</b>	PT Tirus Putra Mandiri	INDONESIA
<b>Tin</b>	PT Inti Stania Prima	INDONESIA
<b>Tin</b>	CV Ayi Jaya	INDONESIA
<b>Tin</b>	CV Dua Sekawan	INDONESIA
<b>Tin</b>	PT Rajehan Ariq	INDONESIA
<b>Tin</b>	PT Bangka Prima Tin	INDONESIA
<b>Tin</b>	PT Sukses Inti Makmur	INDONESIA
<b>Tin</b>	PT Kijang Jaya Mandiri	INDONESIA
<b>Tin</b>	PT Menara Cipta Mulia	INDONESIA
<b>Tin</b>	Gejiu Fengming Metallurgy Chemical Plant	CHINA
<b>Tin</b>	PT Rajawali Rimba Perkasa	INDONESIA
<b>Tin</b>	Jiangxi Ketai Advanced Material Co., Ltd.	CHINA
<b>Tin</b>	CNMC (Guangxi) PGMA Co. Ltd.	CHINA
<b>Tin</b>	Malaysia Smelting Corporation (MSC)	MALAYSIA
<b>Tin</b>	PT Eunindo Usaha Mandiri	INDONESIA
<b>Tin</b>	PT Timah Tbk Kundur	INDONESIA
<b>Tin</b>	PT Timah Tbk Mentok	INDONESIA
<b>Tin</b>	Gejiu Jinye Mineral Company	CHINA
<b>Tin</b>	PT Lautan Harmonis Sejahtera	INDONESIA

<b>Metal</b>	<b>Smelter Reference List</b>	<b>Smelter Country</b>
<b>Tungsten</b>	A.L.M.T. Corp.	JAPAN
<b>Tungsten</b>	Kennametal Huntsville	UNITED STATES OF AMERICA
<b>Tungsten</b>	Guangdong Xianglu Tungsten Co., Ltd.	CHINA
<b>Tungsten</b>	Chongyi Zhangyuan Tungsten Co., Ltd.	CHINA
<b>Tungsten</b>	Fujian Jinxin Tungsten Co., Ltd.	CHINA
<b>Tungsten</b>	Global Tungsten & Powders Corp.	UNITED STATES OF AMERICA
<b>Tungsten</b>	Hunan Chenzhou Mining Co., Ltd.	CHINA
<b>Tungsten</b>	Hunan Chunchang Nonferrous Metals Co., Ltd.	CHINA

<b>Tungsten</b>	Japan New Metals Co., Ltd.	JAPAN
<b>Tungsten</b>	Ganzhou Huaxing Tungsten Products Co., Ltd.	CHINA
<b>Tungsten</b>	Kennametal Fallon	UNITED STATES OF AMERICA
<b>Tungsten</b>	Tejing (Vietnam) Tungsten Co., Ltd.	VIET NAM
<b>Tungsten</b>	Wolfram Bergbau und Hutten AG	AUSTRIA
<b>Tungsten</b>	Xiamen Tungsten Co., Ltd.	CHINA
<b>Tungsten</b>	Xinhai Rendan Shaoguan Tungsten Co., Ltd.	CHINA
<b>Tungsten</b>	Ganzhou Jiangwu Ferrotungsten Co., Ltd.	CHINA
<b>Tungsten</b>	Jiangxi Yaosheng Tungsten Co., Ltd.	CHINA
<b>Tungsten</b>	Jiangxi Xinsheng Tungsten Industry Co., Ltd.	CHINA
<b>Tungsten</b>	Jiangxi Tonggu Non-ferrous Metallurgical & Chemical Co., Ltd.	CHINA
<b>Tungsten</b>	Malipo Haiyu Tungsten Co., Ltd.	CHINA
<b>Tungsten</b>	Xiamen Tungsten (H.C.) Co., Ltd.	CHINA
<b>Tungsten</b>	Jiangxi Gan Bei Tungsten Co., Ltd.	CHINA
<b>Tungsten</b>	Ganzhou Seadragon W & Mo Co., Ltd.	CHINA
<b>Tungsten</b>	Chenzhou Diamond Tungsten Products Co., Ltd.	CHINA
<b>Tungsten</b>	H.C. Starck Tungsten GmbH	GERMANY
<b>Tungsten</b>	H.C. Starck Smelting GmbH & Co. KG	GERMANY
<b>Tungsten</b>	Masan Tungsten Chemical LLC (MTC)	VIET NAM
<b>Tungsten</b>	Jiangwu H.C. Starck Tungsten Products Co., Ltd.	CHINA
<b>Tungsten</b>	Hunan Chuangda Vanadium Tungsten Co., Ltd. Wuji	CHINA
<b>Tungsten</b>	Niagara Refining LLC	UNITED STATES OF AMERICA
<b>Tungsten</b>	Ganzhou Haichuang Tungsten Co., Ltd.	CHINA
<b>Tungsten</b>	Jiangxi Xianglu Tungsten Co., Ltd.	CHINA
<b>Tungsten</b>	Hydrometallurg, JSC	RUSSIAN FEDERATION
<b>Tungsten</b>	Unecha Refractory metals plant	RUSSIAN FEDERATION
<b>Tungsten</b>	South-East Nonferrous Metal Company Limited of Hengyang City	CHINA
<b>Tungsten</b>	Philippine Chuangxin Industrial Co., Inc.	PHILIPPINES
<b>Tungsten</b>	Xinfeng Huarui Tungsten & Molybdenum New Material Co., Ltd.	CHINA
<b>Tungsten</b>	ACL Metais Eireli	BRAZIL
<b>Tungsten</b>	Woltech Korea Co., Ltd.	KOREA, REPUBLIC OF
<b>Tungsten</b>	Moliren Ltd.	RUSSIAN FEDERATION
<b>Tungsten</b>	Hunan Litian Tungsten Industry Co., Ltd.	CHINA
<b>Tungsten</b>	KGETS Co., Ltd.	KOREA, REPUBLIC OF
<b>Tungsten</b>	Fujian Ganmin RareMetal Co., Ltd.	CHINA
<b>Tungsten</b>	Lianyou Metals Co., Ltd.	TAIWAN, PROVINCE OF CHINA
<b>Tungsten</b>	JSC "Kirovgrad Hard Alloys Plant"	RUSSIAN FEDERATION
<b>Tungsten</b>	Vietnam Youngsun Tungsten Industry Co., Ltd.	VIET NAM

Tungsten	Asia Tungsten Products Vietnam Ltd.	VIET NAM
Tungsten	China Molybdenum Tungsten.co.ltd	CHINA