| ITEM<br>3TG   | DEFINITION Tantalum, tin, tungsten, gold   |
|---|--|
| Authorizer  | This field identifies the person responsible for the content of the declaration. The authorizer must be a different individual from the contact person. It is not correct to use the words "same" or similar identification to provide the name of the authorizer.   |
| Conflict-Affected and High-Risk<br>Area (CAHRA)                               | Conflict-affected and high-risk areas are areas in a state of armed conflict, fragile post-conflict<br>areas, as well as areas witnessing weak or non-existing governance and security, such as falle<br>states, and widespread and systematic violations of international law, including human rights   |
| Conflict Mineral  | As defined in 2010 United States legislation, Dodd-Frank Wall Street Reform and Consumer<br>protection Act, Section 150/2(0)(4):  As defined in 2010 United States legislation, Dodd-Frank Wall Street Reform and Consumer<br>protection Act, Section 150/2(0)(4):  (In the Consumer  |
| Covered Country(ies)  | Covered Country (lies) as defined by the United States Dodd-Frank Wall Street Reform and<br>Consumer Protection Act of 2010. These countries include the Democratic Republic of the Cong<br>and the nine countries with which it shares an internationally recognized border: Angola, Buru<br>Central African Republic, Republic of the Congo, Rwanda, South Sudan, Tanzania, Uganda,<br>Zambia.   |
| Declaration Scope or Class  | for the purposes of this template, "scope" describes the applicability of the information provid<br>by the reporting company. The scope may encompass the entirety of a company's services and<br>products, or at a company's discretion, the template may be used to report on a specific product<br>describe any subset of a company's operation or product portfolio.   |
| Dodd-Frank  | 2010 United States legislation, Dodd-Frank Wall Street Reform and Consumer Protection Act, Section 1502 ("Dodd-Frank") (http://www.sec.gov/about/laws/wallstreetreform-cpa.pdf)  |
| DRC   | Democratic Republic of Congo   |
| Gold (Au) refiner (smelter)  Independent Third-Party  Assessment Firm         | A gold refiner is a metallurical operation that produces fine gold with a concentration of 90.50 on higher from gold and gold-hearing materials with lower concentrations. Refer to the RMAP assessment standard for this metal for a complete description at the produce of the reference of the refer     |
| Intentionally added   | Intentionally added refers to a substance used in one or more product life cycle stage(s) intent to give a particular property, reaction or quality. While the SEC does not define the phrase "intentionally added" in the final rule", the rule's preamble states:  While the SEC does not define the phrase "intentionally added, rather than being a naturally-occurring by product as significant factor in determining whether a conflict mineral is "necessary to the functionally production" of a product. This is true regardless of who intentionally added the conflict mineral the products to long as it is contained in the product. E) otherwining whether a conflict mineral conflict mineral directly to the product by the issuer or whether it is added to a component of the product that issuer receives from a third party. Instead, the issuer should report on the totality of the product with suppliers to comply with the requirements." Therefore, in determining whether contained in its product, even if that conflict mineral is now in the product because it was not contained in its product, even if that conflict mineral is only in the product because it was not contained in its product, even if that conflict mineral is only in the product because it was not.  **a part of a component of the product that was manufactured originally by a third party."  **Capitalional** Designed by Vot. 77, No. 177 / Vitemenday, Ceptermen 12, 2012 / Rules and Vitemenday of the product that was manufactured originally by a third party."  |
| (PC   | IPC (www.IPC.org) is a plabal industry association based in Bannochhum, III, dedicated to the competitive excellence and financial success of its 3,400 member companies which represent facets of the electronics industry, including design, printed board manufacturing, electronics assembly and test. As a member-driven organization and leadings source for industry standard training, market research and public policy advocacy, IPC supports programs to meet the nece an estimated \$2.0 tilling inglosi electronics industry. IPC maintains additional offices in Tans, N.H.; Washington, D.C.; Stockholm, Sweden; Mescow, Russig Bangalore, Indisj Bangkok, Thalanda; and Shanghai, Shenzher, Chengdo, Suthun and Beljing, China.  |
| IPC-1755 Responsible Sourcing<br>of Minerals Data Exchange<br>Standard        | This IPC standard establishes the requirements for exchanging conflict minerals data between suppliers and their customers. To meet the needs of a broad range of users, this standard provides flexibility in the scope of the products covered within a single declaration. This stand is not a compliance quide.  |
| Necessary for the Functionality of a Product  Necessary for the Production of | The SEC does not provide a formal definition of this phrase in the final rule*, however, it provides one guidance. A conflict unineral valle be considered to be necessary to its functionality of a product if it meets the followings: 1) is intentionally added to the product or any component of expected function, use or purpose; and 3) is incorporated for the purpose of ornamentation, decoration, or embellishment, whether the primary purpose of the product is ornamentation or decoration.  NOTE: The conflict mineral must be contained in the product to be applicable.  1(8236 Federal Register / Vol. 77, No. 177 / Wednesday, September 12, 2012 / Rules and contained in the second provide a formal definition of this phrase in the final rule*; however, it provides a formal definition of this phrase in the final rule*; however, it provides a formal definition of this phrase in the final rule*; however, it provides a formal definition of this phrase in the final rule*; however, it provides a formal definition of this phrase in the final rule*; however, it provides a formal definition of this phrase in the final rule*; however, it provides a formal definition of this phrase in the final rule*; however, it provides a formal definition of this phrase in the final rule*; however, it provides a formal definition of this phrase in the final rule*; however, it provides a formal definition of the phrase in the final rule*; however, it provides a formal definition of the phrase in the final rule*; however, it provides a formal definition of the phrase in the final rule*; however, it provides a formal rule rule rule rule rule rule rule rul   |
| Product   | some guidance: A conflict mineral will be considered to be necessary to the production of a<br>product when: I ju is intentionally included in the product production process, other than if<br>product production produced in the product (MUST be contained in the product to be applicable and 3) it is included in the product (MUST be contained in the product to be applicable and 3) it is included in the product (MUST be contained in the product to be applicable and 3) it is included in the product (MUST be contained in the product to be applicable and 3) it is included in the product (MUST be contained in the product to be applicable and 3) it is included in the product of the pro |
| Product   | Ornanisation for Françair Co-operation and Development A company's Product or Finished good is a material or item which has completed the final stag manufacturing and/or processing and is available for distribution or sale to customers.   |
| RBA<br>Recycled or Scrap Sources  | Responsible Business Alliance (view.responsiblebusiness.orx) Recycled or scrop sources are recycled metals, that are reclaimed end-user or post-consumer products, or scrap processed metals created during product manufacturing. Recycled metal tenders of the recycle of the recy     |
| Responsible Minerals Assurance<br>Process (RMAP)                              | enhance company capability to verify the responsible sourcing of metals. Further details of the<br>RMAP can be found here: http://www.responsiblemineralsinitiative.org/responsible-minerals<br>assurance-process/.  |
| Responsible Minerals Initiative   | Founded in 2008 by members of the Responsible Business Alliance, the Responsible Minerals Initiative has grown into one of the most utilized and respected resources for companies addressing conflict minerals issues in their supply chains. Over 300 companies from the different control of the     |
| RMAP Conformant Smelter List  | The Responsible Minerals Assurance Process (RMAP) Conformant Smotter List is a published if Responsible Minerals Assurance Process (RMAP) Conformant Smotter List is a published Minerals Initiative (RMI) or industry equivalent program (such as Responsible Memorals Initiative (RMI) or industry equivalent program (such as Responsible Javellery Council or London Bullion Market Association) and have been validated to be in conformance with the tendanded. If a smelter or refiner is not on the list, it has either not completed as RMAP assessment or is not in conformance with the RMAP standard.  A list of smelters and refiners which have been validated to be conformant to the RMAP can be found at https://www.responsiblemineralshinitative.org/facilities-lists/scir/conformant-  |
| SEC   | facilities-list/.  U.S. Securities and Exchange Commission (www.sec.gov)   |
| melter  | A smelter or refiner is a company that procures and processes mineral ore, siag and/or mater from recycled or scrap sources into refined metal or metal containing intermediate products. output can be pure (99.5% or greater) metals, powders, ingots, bars, grains, oxides or salts. terms "ametier" and "refiner" are used interchanqueably throughout various publications.   |
| imelter Identification Number   | A unique identification number the RMI assigns to companies that have been reported by members of the supply chain as smelters or refiners, whether or not they have been verified to meet the characteristics of smelters or refiners as defined in the RMAP assessment standards.  |
| antalum (Ta) smelter  | A tantalum smelter (also known as a processor) is defined as a company that converts Ta- containing ores, concentrates, slags or secondary materials into tantalum intermediate produc products, such as Ta powder, Ta compenents, Ta oxides, alloys, wires, sintered bars, etc. Re to the RNAP assessment standard for this metal for a complete description at: https://www.monoscibianinersaluthilativa.nor/ininersid-sub-distince/tandards/. Primary [this] smelters are companies with one or more facilities treating time containing one more facilities that treat secondary materials by reduction in the containing one products as either to reduce the containing one products are the containing one containing the containing one products are companies of the containing one products are companies of the containing one products are companies of the containing one products are contained to the containing of the containing one products are contained to the containing of the containing of the products are contained to the containing of the containing of the products are contained to the containing of the containing of the products are contained to the containing of the containing of the products are contained to the containing of the containing of the products are contained to the containing of the containing of the products are contained to the containing of the containing of the products are contained to the containing of the containing of the products are contained to the containing of the containing of the products are contained to the containing of the containing of the products are contained to the containing of the containing of the products are contained to the containing of the containing of the products are contained to the containing of the containing of the products are contained to the containing of the containing of the products are contained t     |
| Tungsten (W) smelter  | A company with one or more facilities that converts W-containing ores (such as wolframite an scheelite), W concentrates, or W-bearing scrap (secondary material) into tungsten containing intermedistes such a Ammonium Par-Tungstate (AMT), Ammonium Meta-Tungstate (AMT) entermedistes such "Lampstate" (AMT) or product (such as W powder or W-carbide powder), Refer to the RMAP assessment standard fits metal for a complete description at https://www.responsiblemicerachiniditative.org/min   |