

ABB LTD  
Form SD  
May 29, 2018

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

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**FORM SD**  
**SPECIALIZED DISCLOSURE REPORT**

**Commission file number: 001-16429**

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**ABB Ltd**

(Exact name of registrant as specified in its charter)

**Switzerland**

(Jurisdiction of incorporation or organization)

**Affolternstrasse 44**

**CH-8050 Zurich**

**Switzerland**

(Address of principal executive offices)

**Richard A. Brown**

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(Name, Telephone, E-mail and/or Facsimile number and Address of Company Contact Person)

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, 2017.

## Introduction

ABB Ltd is a corporation organized under the laws of Switzerland. In this Form SD and the attached Conflict Minerals Report (included as Exhibit 1.01), “ABB”, the “Company”, “we”, and “our” refer to ABB Ltd and its consolidated subsidiaries. ABB is a foreign private issuer as defined under Rule 405 of Regulation C under the Securities Act of 1933 and Rule 3b-4 under the Securities Exchange Act of 1934. Our shares are currently listed on the SIX Swiss Exchange, the NASDAQ OMX Stockholm Exchange and the New York Stock Exchange (in the form of American Depositary Shares). We are a pioneering technology leader in electrification products, robotics and motion, industrial automation and power grids, serving customers in utilities, industry and transport & infrastructure globally. Continuing more than a 125-year history of innovation, ABB today is at the forefront of the industrial digitalization and driving the Energy and Fourth Industrial Revolutions. ABB operates in more than 100 countries with about 135,000 employees.

Conflict minerals are defined as cassiterite, columbite-tantalite and wolframite, and their derivatives, which are limited to tin, tantalum and tungsten, as well as gold (3TG). The functionality of a substantial portion of our global product portfolio relies on the use of direct materials, especially electronic components, which include amounts of tin, tantalum, tungsten or gold (*necessary conflict minerals*). For example, tin, tantalum, tungsten and gold are each contained respectively in weld wire, capacitors, electronic contacts and electrical connection coatings, each of which are components in many of our products. Our operating divisions and their products are described in more detail below.

In 2017, we operated in a structure of four operating divisions. On December 20, 2017, the Company announced a planned change to the management and oversight of certain remaining activities of its engineering, procurement and construction (EPC) businesses. The description of our operating divisions in 2017 and their main products is as follows:

- **Electrification Products:** manufactures and sells products and services including electric vehicle charging, solar inverters, modular substation packages, switchgear, UPS solutions, circuit breakers, control products, wiring accessories, enclosures and cabling systems, and intelligent home and building solutions designed to integrate and automate the lighting, heating and ventilation, and security and data communication networks.
- **Robotics and Motion:** manufactures and sells robotics, motors, generators, drives, wind converters, components and systems for railways and related services and digital solutions for a wide range of applications in industry, transportation and infrastructure, and utilities.
- **Industrial Automation:** develops and sells integrated automation and electrification systems and solutions, such as process and discrete control solutions, advanced process control software and manufacturing execution systems, sensing, measurement and analytical instrumentation and solutions, electric ship propulsion systems, as well as solutions for modern machine and factory automation and large turbochargers. In addition, the division offers a comprehensive range of services ranging from repair to advanced services such as remote monitoring, preventive maintenance and cybersecurity services.

- **Power Grids:** offers a range of products, systems, service and software solutions across the power value chain of generation, transmission and distribution, to utility, industry, transportation and infrastructure customers. These offerings address existing and evolving grid needs such as the integration of renewables, network control, digital substations, microgrids and asset management. The division portfolio includes turnkey grid integration, transmission systems and substation solutions as well as a wide range of

power, distribution and traction transformers, and an array of high-voltage products, such as circuit breakers, switchgear, capacitors.

Effective January 1, 2018, management responsibility and oversight of certain remaining EPC businesses, previously included in the Power Grids, Industrial Automation and Robotics and Motion operating divisions, were transferred outside the respective former operating divisions to a new operating unit.

In July 2017, ABB acquired Bernecker + Rainer Industrie-Elektronik GmbH (B&R). This Form SD and the Conflict Minerals Report attached as Exhibit 1.01 hereto do not cover products manufactured or contracted to be manufactured by B&R.

We did not conduct significant due diligence efforts in 2017 for our former Cables and Cables accessories business, which was divested in March 2017.

As ABB files reports with the U.S. Securities and Exchange Commission under Section 13(a) of the Securities Exchange Act of 1934, and is a user of *necessary conflict minerals* to produce its manufactured products, ABB is subject to Section 1502 of the Dodd-Frank Wall Street Reform and Consumer Protection Act of 2010 (17 CFR Parts 240 and 249b). ABB's Policy on Conflict Minerals can be found at [new.abb.com/about/supplying/conflict-minerals-policy](http://new.abb.com/about/supplying/conflict-minerals-policy)

The content of any Web site referred to in this Form SD is included for general information only and is not incorporated by reference in this Form SD.

## **Section 1 - Conflict Minerals Disclosures**

a. We have concluded that during the 2017 calendar year:

i. based on an analysis of our global product offering, we have manufactured products containing conflict minerals and have determined that the use of these minerals is necessary to the functionality or production of these products.

ii. based on the Reasonable Country of Origin Inquiry (RCOI) conducted (see below), we have reason to believe that a portion of the Company's *necessary conflict minerals* originated or may have originated in the Democratic Republic of the Congo (DRC) or an adjoining country<sup>1</sup> (collectively the "covered countries") and may not be from recycled or scrap sources.

b. Description of RCOI

We are a large organization and have manufacturing facilities located around the world. We manufacture products in more than 500 product lines and have approximately 40,000 unique direct material suppliers.

To assess whether the *necessary conflict minerals* in our products originated from the covered countries, we performed a RCOI by identifying direct suppliers of products likely to contain 3TG and surveying a sample of these suppliers using the Conflict Minerals Reporting Template (CMRT) as developed and issued by the Responsible Minerals Initiative (RMI) of the Responsible Business Alliance (RBA) and the Global eSustainability Initiative (GeSI).

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<sup>1</sup> Adjoining countries of the Democratic Republic of the Congo are: Angola, Burundi, Republic of the Congo, Central African Republic, Rwanda, South Sudan, Tanzania, Uganda and Zambia.

During 2017, we aimed to increase the quality of the sample of suppliers selected for surveying. ABB has invested significant amounts of time to identify the components and relevant suppliers for products containing 3TG. However, in previous years, a large number of surveyed suppliers had responded that the products supplied to ABB did not contain 3TG. In 2017, we refined our product component evaluations and the supplier selection process which contributed to an improvement in the quality of information received from suppliers. As a result, the proportion of our surveyed suppliers which indicated that they did not supply 3TG to ABB was reduced by 7%.

In 2017, we selected our suppliers for surveying based on the identification of components containing 3TG within ABB products. After refining the listing of suppliers, we selected approximately 5,300 suppliers to be surveyed. We believe our current RCOI and the number of surveyed suppliers provides a sufficient level of coverage that we believe could allow us to appropriately assess the conflict status of our products.

As a result of our RCOI, suppliers provided us the names of the original smelters/refiners used by them to process 3TG contained in their products. Based on the list of processing facilities we have compiled and based on smelter/refiner-specific country sourcing information we have received through our membership in the RMI, we believe that some of the *necessary conflict minerals* in our products may have originated from the covered countries and were not from recycled or scrap sources. Although most suppliers who responded to our survey were able to provide us with a list of the original smelters/refiners that they identified as being used to process 3TG contained in their products, most of our suppliers were unable to identify and represent which smelters/refiners were specifically used for 3TG in the products or materials supplied to ABB. Therefore, the lists of smelters/refiners provided by suppliers may contain facilities that were not used to process 3TG contained in the components they provided to us.

c. Disclosure of this Form and the Conflict Minerals report

In accordance with Rule 13p-1 under the Securities Exchange Act of 1934, this Specialized Disclosure Form (Form SD) and the associated Conflict Minerals Report are available on our Web site at [www.abb.com/investorrelations](http://www.abb.com/investorrelations) under “Quarterly results and annual reports”, “2017”, “SEC Filings”.

**Section 2 - Exhibits**

Exhibit 1.01 - Conflict Minerals Report as required by Items 1.01 and 1.02 of this Form.

**SIGNATURES**

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

ABB LTD

Date: May 29, 2018

By: /s/ Timo Ihamuotila  
Name: Timo Ihamuotila  
Title: *Executive Vice President and  
Chief Financial Officer*

Date: May 29, 2018

By: /s/ Richard A. Brown  
Name: Richard A. Brown  
Title: *Group Senior Vice President and  
Chief Counsel Corporate & Finance*