
**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

FORM 8-A

**FOR REGISTRATION OF CERTAIN CLASSES OF SECURITIES
PURSUANT TO SECTION 12(b) OR 12(g) OF THE
SECURITIES EXCHANGE ACT OF 1934**

Nexa Resources S.A.

(Exact name of Registrant as specified in its charter)

Grand Duchy of Luxembourg
(State or other jurisdiction of incorporation or
organization)

Not Applicable
(I.R.S. Employer Identification No.)

**26-28 rue Edward Steichen
L-2540, Luxembourg
Grand Duchy of Luxembourg
+352 26 00 53 43**
(Address of Principal Executive Offices)

Securities to be registered pursuant to Section 12(b) of the Act:

**Title of each class
to be so registered**
Common shares

**Name of each exchange on which
each class is to be registered**
New York Stock Exchange

If this form relates to the registration of a class of securities pursuant to Section 12(b) of the Exchange Act and is effective pursuant to General Instruction A. (c), check the following box.

If this form relates to the registration of a class of securities pursuant to Section 12(g) of the Exchange Act and is effective pursuant to General Instruction A. (d) or (e), check the following box.

If this form relates to the registration of a class of securities concurrently with a Regulation A offering, check the following box.

Securities Act registration statement file number to which this form relates: **333-220552**

Securities to be registered pursuant to Section 12(g) of the Act: **None**

Item 1. Description of Registrant's Securities to be Registered.

For a description of the securities to be registered hereunder, reference is made to the information set forth under the heading "Description of Share Capital" in the Registrant's prospectus, which constitutes a part of the Registrant's Registration Statement on Form F-1 (File No. 333-220552), originally filed with the Securities and Exchange Commission on September 21, 2017, as amended by any amendments to such Registration Statement, and by any prospectus subsequently filed pursuant to Rule 424(b) under the Securities Act of 1933, as amended, which description is incorporated herein by reference.

Item 2. Exhibits.

Under "Instructions as to Exhibits" with respect to Form 8-A, no exhibits are required to be filed because no other securities of the Registrant are registered on the New York Stock Exchange and the securities registered hereby are not being registered pursuant to Section 12(g) of the Securities Exchange Act of 1934, as amended.

SIGNATURE

Pursuant to the requirements of Section 12 of the Securities Exchange Act of 1934, the Registrant has duly caused this registration statement to be signed on its behalf by the undersigned hereunto duly authorized.

Nexa Resources S.A.

Date: October 23, 2017

By: /s/ Tito Botelho Martins Junior
Name: Tito Botelho Martins Junior
Title: President and Chief Executive Officer