ADVANCED ENERGY INDUSTRIES INC Form SD		
May 31, 2017		
UNITED STATES SECURITIES AND EXCHANGE COMMIS Washington, D.C. 20549	SION	
FORM SD		
SPECIALIZED DISCLOSURE REPORT		
Advanced Energy Industries, Inc. (Exact name of registrant as specified in its c	harter)	
Delaware (State or other jurisdiction of incorporation)	000-26966 (Commission File Number)	84-0846841 (IRS Employer Identification No.)
1625		
Sharp		
Point		
180525		
Fort		
Collins,		
Colorado		
(Address		
of		
p(znipi Galde)		
executive		
offices)		
Thomas O.		
McGimpsey		
(970)		
221-4670		
(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:

Rule 13p-1 under the Securities Exchange Act (17 CFR 240.13p-1) for the reporting period from January 1 to December 31, 2016.

Section 1 - Conflict Minerals Disclosure

Item 1.01 Conflict Minerals Disclosure and Report

Advanced Energy Industries, Inc. (the "Company") manufactures or contracts to manufacture products that may contain "conflict minerals" as defined in paragraph (d)(3) Item 1.01. As these materials are necessary to the functionality and production of the Company's products, the Company has conducted a reasonable country of origin inquiry regarding these materials designed to determine whether any of the conflict minerals originated in the Democratic Republic of the Congo or an adjoining country (as defined by paragraph (d)(1) of Item 1.01).

The Company's reasonable country of origin inquiry and due diligence processes are described in the Conflict Minerals Report for the reporting period January 1, 2016 to December 31, 2016 attached hereto as Exhibit 1.01.

Conflict Minerals Disclosure

A copy of Advanced Energy Industries, Inc.'s Conflict Minerals Report is filed as Exhibit 1.01 hereto and is publicly available at www.advanced-energy.com/en/Conflict Minerals.

Item 1.02 Exhibits

Advanced Energy Industries, Inc.'s Conflict Minerals Report is filed as Exhibit 1.01 hereto.

Section 2 - Exhibits

Item 2.01 Exhibits

Exhibit Conflict Minerals Report as required by Items 1.01 and 1.02 of this Form SD for the year ended

1.01 December 31, 2016.

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 undersigned hereunto duly authorized.

Advanced

Energy

Industries,

Inc.

/s/ Thomas

O.

McGimpsey

Date: May 31, 2017

Thomas O. McGimpsey

Executive

Vice

President,

General

Counsel &

Corporate

Secretary

EXHIBIT INDEX

Exhibit No. Description
Conflict
Minerals
Report as
required by
Items 1.01
1.01 and 1.02 of
this Form
SD for the
year ended
December
31, 2016.