

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

POST-EFFECTIVE AMENDMENT NO. 1

TO

FORM S-8

REGISTRATION STATEMENT

UNDER THE SECURITIES ACT OF 1933

ESCO TECHNOLOGIES INC.

(Exact name of registrant as specified in its charter)

Missouri
(State or other jurisdiction of incorporation or organization)

43-1554045
(I.R.S. Employer Identification No.)

9900A Clayton Road
St. Louis, Missouri 63124
(Address of principal executive offices, including zip code)

ESCO ELECTRONICS CORPORATION

EMPLOYEE STOCK PURCHASE PLAN
(Full title of the plan)

Alyson S. Barclay, Esq.
Senior Vice President, Secretary and General Counsel
9900A Clayton Road
St. Louis, Missouri 63124
(314) 213-7200
(Name, address and telephone number, including area code, of agent for services)

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company. See the definitions of "large accelerated filer," "accelerated filer" and "smaller reporting company" in Rule 12-b-2 of the Exchange Act.

Large accelerated filer

Accelerated filer

Non-accelerated filer (do not check if a smaller reporting company)

Smaller reporting company
