
**SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549**

FORM 8-K

CURRENT REPORT

PURSUANT TO SECTION 13 OR 15(d) OF
THE SECURITIES EXCHANGE ACT OF 1934

DATE OF REPORT – October 21, 2008
(Date of Earliest Event Reported)

AK STEEL HOLDING CORPORATION

(Exact name of registrant as specified in its charter)

Commission File No. 1-13696

Delaware

(State of Incorporation)

9227 Centre Pointe Drive
West Chester, OH

(Address of principal executive offices)

31-1401455

(I.R.S. Employer Identification No.)

45069

(Zip Code)

Registrant's telephone number, including area code: (513) 425-5000

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (*see* General Instruction A.2. below):

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
 - Solicitation material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
 - Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
 - Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))
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Item 7.01 **Regulation FD Disclosure.**

On October 21, 2008, AK Steel Holding Corporation issued a press release, a copy of which is attached hereto as Exhibit No. 99.1 and incorporated by reference herein, announcing that its board of directors has approved a stock repurchase plan and authorized the company to repurchase up to \$150 million of its outstanding common stock shares.

Item 9.01 **Financial Statements and Exhibits.**

(d) Exhibit:

99.1 Press Release issued on October 21, 2008

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.

AK STEEL HOLDING CORPORATION

By: /s/ David C. Horn

David C. Horn

Secretary

Dated: October 21, 2008

EXHIBIT INDEX

<u>Exhibit No.</u>	<u>Description</u>
99.1	Press Release issued on October 21, 2008



News Release

Contacts: Media - Alan H. McCoy, Vice President, Government & Public Relations (513) 425-2826
Investors – Albert E. Ferrara, Jr., Vice President, Finance & CFO (513) 425-2888

AK STEEL’S BOARD OF DIRECTORS APPROVES \$150 MILLION STOCK REPURCHASE PLAN

WEST CHESTER, OH, October 21, 2008 — AK Steel (NYSE: AKS) announced today that its board of directors has approved a stock repurchase plan and authorized the company to repurchase up to \$150 million of its outstanding common stock shares. The company currently has 112.5 million diluted common stock shares outstanding.

The shares may be repurchased from time to time in open market or privately negotiated transactions at the company’s discretion. The stock repurchase plan announced today supercedes and replaces a previous stock repurchase plan announced in 2000.

“Without question, we believe shares of AK Steel represent an outstanding long-term investment,” said James L. Wainscott, chairman, president and CEO of AK Steel. “We also believe this share repurchase plan is consistent with our continual efforts to enhance value for AK Steel stockholders.”

About AK Steel

AK Steel produces flat-rolled carbon, stainless and electrical steels, primarily for automotive, appliance, construction and electrical power generation and distribution markets. The company employs about 6,500 men and women in Middletown, Mansfield, Coshocton and Zanesville, Ohio; Butler, Pennsylvania; Ashland, Kentucky; Rockport, Indiana; and its corporate headquarters in West Chester, Ohio. Additional information about AK Steel is available on the company’s web site at www.aksteel.com.

AK Tube LLC, a wholly owned subsidiary of AK Steel, employs about 300 men and women in plants in Walbridge, Ohio and Columbus, Indiana. AK Tube produces carbon and stainless electric resistance welded (ERW) tubular steel products for truck, automotive and other markets. Additional information about AK Tube LLC is available on its web site at www.aktube.com.

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