

**TRADEMARK ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	CHANGE OF NAME

**CONVEYING PARTY DATA**

Name	Formerly	Execution Date	Entity Type
HORSEHEAD CORP.		06/30/2006	CORPORATION: DELAWARE

**RECEIVING PARTY DATA**

<b>Name:</b>	HORSEHEAD CORPORATION
<b>Street Address:</b>	4955 STEUBENVILLE PIKE
<b>Internal Address:</b>	SUITE 405
<b>City:</b>	Pittsburgh
<b>State/Country:</b>	PENNSYLVANIA
<b>Postal Code:</b>	15205
<b>Entity Type:</b>	CORPORATION: DELAWARE

**PROPERTY NUMBERS Total: 7**

Property Type	Number	Word Mark
Registration Number:	1834219	ECOLOAM
Registration Number:	3573990	ECOTITE
Registration Number:	0521196	FLORENCE
Registration Number:	0544503	FLORENCE
Registration Number:	0174809	KADOX
Registration Number:	0534629	XX
Registration Number:	1033496	ZINSTABE

**CORRESPONDENCE DATA**

Fax Number: (412)562-1041  
*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*  
 Phone: 412-562-1637  
 Email: michael.dever@bipc.com  
 Correspondent Name: Michael L. Dever  
 Address Line 1: 301 Grant Street

**900194750**

**TRADEMARK  
 REEL: 004564 FRAME: 0659**

**OP \$190.00 1834219**

Address Line 2: 20th Floor  
Address Line 4: Pittsburgh, PENNSYLVANIA 15219

ATTORNEY DOCKET NUMBER:	0050408-000028
NAME OF SUBMITTER:	Michael L. Dever
Signature:	/Michael L. Dever/
Date:	06/17/2011

**Total Attachments: 5**

source=Horsehead CorporationDEgoodstandingandcertifiedcopies#page1.tif  
source=Horsehead CorporationDEgoodstandingandcertifiedcopies#page2.tif  
source=Horsehead CorporationDEgoodstandingandcertifiedcopies#page3.tif  
source=Horsehead CorporationDEgoodstandingandcertifiedcopies#page13.tif  
source=Horsehead CorporationDEgoodstandingandcertifiedcopies#page14.tif

# Delaware

PAGE 1

## The First State

I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THAT "HORSEHEAD CORPORATION" IS DULY INCORPORATED UNDER THE LAWS OF THE STATE OF DELAWARE AND IS IN GOOD STANDING AND HAS A LEGAL CORPORATE EXISTENCE NOT HAVING BEEN CANCELLED OR DISSOLVED SO FAR AS THE RECORDS OF THIS OFFICE SHOW AND IS DULY AUTHORIZED TO TRANSACT BUSINESS.

THE FOLLOWING DOCUMENTS HAVE BEEN FILED:

CERTIFICATE OF INCORPORATION, FILED THE TWENTY-FIRST DAY OF MAY, A.D. 2003, AT 1:30 O'CLOCK P.M.

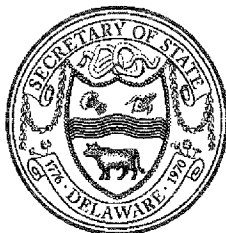
CERTIFICATE OF CHANGE OF REGISTERED AGENT, FILED THE FOURTH DAY OF JUNE, A.D. 2003, AT 5:23 O'CLOCK P.M.

CERTIFICATE OF AMENDMENT, CHANGING ITS NAME FROM "HORSEHEAD ACQUISITION CORP." TO "HORSEHEAD CORP.", FILED THE FIFTEENTH DAY OF DECEMBER, A.D. 2003, AT 4:51 O'CLOCK P.M.

CERTIFICATE OF AMENDMENT, CHANGING ITS NAME FROM "HORSEHEAD CORP." TO "HORSEHEAD CORPORATION", FILED THE TWENTY-FIFTH DAY OF JULY, A.D. 2006, AT 5:11 O'CLOCK P.M.

CERTIFICATE OF OWNERSHIP, FILED THE SECOND DAY OF JANUARY, A.D. 2008, AT 3:38 O'CLOCK P.M.

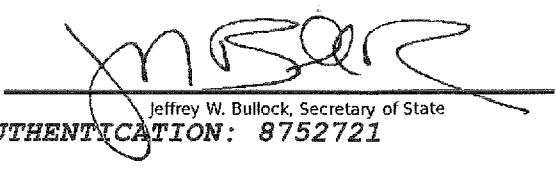
AND I DO HEREBY FURTHER CERTIFY THAT THE AFORESAID



3661061 8310

110524087

You may verify this certificate online  
at [corp.delaware.gov/authver.shtml](http://corp.delaware.gov/authver.shtml)

  
Jeffrey W. Bullock, Secretary of State  
AUTHENTICATION: 8752721

DATE: 05-11-11

TRADEMARK  
REEL: 004564 FRAME: 0661

# Delaware

PAGE 2

*The First State*

CERTIFICATES ARE THE ONLY CERTIFICATES ON RECORD OF THE  
AFORESAID CORPORATION, "HORSEHEAD CORPORATION".

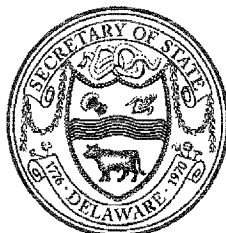
AND I DO HEREBY FURTHER CERTIFY THAT THE ANNUAL REPORTS HAVE  
BEEN FILED TO DATE.

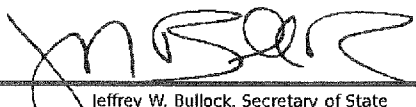
AND I DO HEREBY FURTHER CERTIFY THAT THE FRANCHISE TAXES  
HAVE BEEN PAID TO DATE.

3661061 8310

110524087

You may verify this certificate online  
at [corp.delaware.gov/authver.shtml](http://corp.delaware.gov/authver.shtml)



  
Jeffrey W. Bullock, Secretary of State  
AUTHENTICATION: 8752721

DATE: 05-11-11

TRADEMARK  
REEL: 004564 FRAME: 0662

# Delaware

PAGE 1

## The First State

I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED ARE TRUE AND CORRECT COPIES OF ALL DOCUMENTS ON FILE OF "HORSEHEAD CORPORATION" AS RECEIVED AND FILED IN THIS OFFICE.

THE FOLLOWING DOCUMENTS HAVE BEEN CERTIFIED:

CERTIFICATE OF INCORPORATION, FILED THE TWENTY-FIRST DAY OF MAY, A.D. 2003, AT 1:30 O'CLOCK P.M.

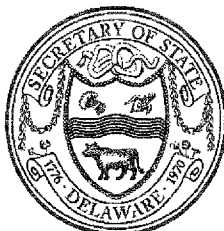
CERTIFICATE OF CHANGE OF REGISTERED AGENT, FILED THE FOURTH DAY OF JUNE, A.D. 2003, AT 5:23 O'CLOCK P.M.

CERTIFICATE OF AMENDMENT, CHANGING ITS NAME FROM "HORSEHEAD ACQUISITION CORP." TO "HORSEHEAD CORP.", FILED THE FIFTEENTH DAY OF DECEMBER, A.D. 2003, AT 4:51 O'CLOCK P.M.

CERTIFICATE OF AMENDMENT, CHANGING ITS NAME FROM "HORSEHEAD CORP." TO "HORSEHEAD CORPORATION", FILED THE TWENTY-FIFTH DAY OF JULY, A.D. 2006, AT 5:11 O'CLOCK P.M.

CERTIFICATE OF OWNERSHIP, FILED THE SECOND DAY OF JANUARY, A.D. 2008, AT 3:38 O'CLOCK P.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE AFORESAID CERTIFICATES ARE THE ONLY CERTIFICATES ON RECORD OF THE AFORESAID CORPORATION, "HORSEHEAD CORPORATION".



3661061 8100H

110524087

You may verify this certificate online  
at [corp.delaware.gov/authver.shtml](http://corp.delaware.gov/authver.shtml)

  
Jeffrey W. Bullock, Secretary of State  
AUTHENTICATION: 8752722

DATE: 05-11-11

TRADEMARK  
REEL: 004564 FRAME: 0663

State of Delaware  
Secretary of State  
Division of Corporations  
Delivered 05:11 PM 07/25/2006  
FILED 05:11 PM 07/25/2006  
SRV 060700800 - 3661061 FILE

**CERTIFICATE OF AMENDMENT  
TO  
CERTIFICATE OF INCORPORATION  
OF  
HORSEHEAD CORP.**

*Adopted in accordance with the provisions of §242 the  
General Corporation Law of the State of Delaware*

The undersigned, being the President and Chief Executive Officer of Horsehead Corp., a corporation duly organized and existing under and by virtue of the General Corporation Law of the State of Delaware (the "Corporation"), DOES HEREBY CERTIFY as follows:

**FIRST:** The Board of Directors of the Corporation adopted the resolution set forth below proposing an amendment to the Certificate of Incorporation of the Corporation (the "Amendment") and directed that the Amendment be submitted to the sole holder of the issued and outstanding shares of capital stock of the Corporation entitled to vote thereon for its consideration and approval:

"RESOLVED, that the Certificate of Incorporation of the Corporation be, and hereby is, amended in accordance with the provisions of Section 242 of the General Corporation Law of the State of Delaware by deleting Article One thereof in its entirety and substituting therefor Article One to read in full as follows:

**ARTICLE ONE**

The name of the Corporation is Horsehead Corporation."

**SECOND:** In accordance with Section 228 and Section 242 of the General Corporation Law of the State of Delaware, the Amendment was duly approved and adopted pursuant to a written consent signed by the sole holder of the issued and outstanding shares of capital stock entitled to vote thereon of the Corporation.

IN WITNESS WHEREOF, the undersigned does hereby certify under penalties of perjury that this Certificate of Amendment to the Certificate of Incorporation of the Corporation is the act and deed of the undersigned and the facts stated herein are true and accordingly has hereunto set his hand this 30<sup>th</sup> day of June, 2006.

Horseshoe Corp.  
a Delaware corporation

By: James M. Hensler  
Name: James M. Hensler  
Title: President + CEO