

# State of Idaho

## Department of State

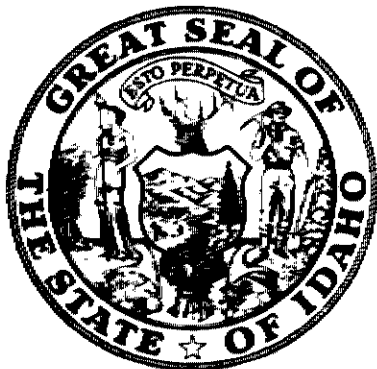
### CERTIFICATE OF AUTHORITY OF

**ETI EXPLOSIVES TECHNOLOGIES INTERNATIONAL INC.**

I, PETE T. CENARRUSA, Secretary of State of the State of Idaho, hereby certify that duplicate originals of an Application of **ETI EXPLOSIVES TECHNOLOGIES INTERNATIONAL INC.** for a Certificate of Authority to transact business in this State, duly signed and verified pursuant to the provisions of the Idaho Business Corporation Act, have been received in this office and are found to conform to law.

ACCORDINGLY and by virtue of the authority vested in me by law, I issue this Certificate of Authority to **ETI EXPLOSIVES TECHNOLOGIES INTERNATIONAL INC.** to transact business in this State under the name **ETI EXPLOSIVES TECHNOLOGIES INTERNATIONAL INC.** and attach hereto a duplicate original of the Application for such Certificate.

Dated *November 6, 1987*



*Pete T. Cenarrusa*

SECRETARY OF STATE

*[Signature]*  
Corporation Clerk

**APPLICATION FOR CERTIFICATE OF AUTHORITY**  
 (Profit Corporation)

To the Secretary of State of Idaho  
 Pursuant to Section 30-1-110, Idaho Code, the undersigned Corporation hereby applies for a Certificate of Authority to transact business in your State, and for that purpose submits the following statement:

The name of the corporation is ETI Explosives Technologies International Inc.

2. The name which it shall use in Idaho is ETI Explosives Technologies International Inc

(To be used only when required to avoid a conflict with a name already on file. Must be accompanied by a Board of Directors resolution adopting assumed name in Idaho.)

3. It is incorporated under the laws of Delaware

4. The date of its incorporation is June 25, 1987 and the period of its duration is perpetual

5. The address of its principal office in the state or country under the laws of which it is incorporated is The Prentice-Hall Corporation System, Inc., 229 South State St., Dover, DE 19901

6. The address to which correspondence should be addressed, if different from that in item 5.

7. The street address of its proposed registered office in Idaho is The Prentice-Hall Corporation System, Inc., One Capital Center, 999 Main St., Boise, Idaho 83702, and the name of its proposed registered agent in Idaho at that address is The Prentice-Hall Corporation System, Inc.

8. The purpose or purposes which it proposes to pursue in the transaction of business in Idaho are:

To engage in any lawful act or activity for which a corporation may be organized.

9. The names and respective addresses of its directors and officers are:

| Name                      | Office                   | Address                           |
|---------------------------|--------------------------|-----------------------------------|
| <u>James A. Coutts</u>    | <u>Chairman and</u>      | <u>31 Lowther Avenue</u>          |
|                           | <u>Secretary,</u>        | <u>Toronto, Ontario</u>           |
|                           | <u>Director</u>          | <u>Canada M5R 1C5</u>             |
| <u>Ernest E. Woodacre</u> | <u>President and</u>     | <u>112 Bellant Circle</u>         |
|                           | <u>Chief Executive</u>   | <u>Wilmington, Delaware 19807</u> |
|                           | <u>Officer, Director</u> |                                   |

(continued on reverse)

| Name            | Office   | Address   |
|-----------------|----------|---|
| Daniel C. Casey | Director | 141 Riverview Drive, Toronto, Ontario<br>Canada M1N 3C6 |
|                 |          |   |
|                 |          |   |
|                 |          |   |
|                 |          |   |
|                 |          |   |
|                 |          |   |
|                 |          |   |
|                 |          |   |
|                 |          |   |

- 10. The corporation accepts and shall comply with the provisions of the Constitution and the laws of the State of Idaho.
- 11. This Application is accompanied by a certificate of Corporate Status or Existence, duly authenticated by the proper officer of the state or country under the laws of which it is incorporated.

Dated: August 7, 1987

ETI Explosives Technologies International Inc.

(Corporation Name)

By Ernest E Woodcock  
Its President/ Vice-President (please specify)

and James A. Courtis  
Its Secretary/ Assistant Secretary (please specify)

PROVINCE Ontario  
STATE OF \_\_\_\_\_ )  
CITY Toronto ) ss:  
COUNTY OF \_\_\_\_\_ )  
Canada

I, DOROTHY ELIZABETH DEMERCHANT, a notary public, do hereby certify that on this 7th day of August, 1987, personally appeared before me JAMES A. COURTIS, who being by me first duly sworn, declared that ~~she~~ is the Chairman & Secretary of ETI Explosives Technologies International Inc.

that ~~she~~ signed the foregoing document as Secretary of the corporation and that the statements therein contained are true.

Beth Demerchant  
Notary Public

Nov 6 9 47 AM  
OFFICE OF THE SECRETARY OF STATE

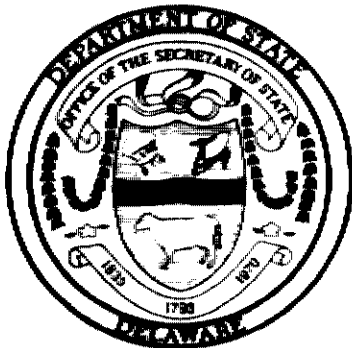
# State of Delaware



## Office of Secretary of State

I, MICHAEL HARKINS, SECRETARY OF STATE OF THE STATE OF DELAWARE DO HEREBY CERTIFY ETI EXPLOSIVES TECHNOLOGIES INTERNATIONAL INC. IS DULY INCORPORATED UNDER THE LAWS OF THE STATE OF DELAWARE AND IS IN GOOD STANDING AND HAS A LEGAL CORPORATE EXISTENCE SO FAR AS THE RECORDS OF THIS OFFICE SHOW, AS OF THE DATE SHOWN BELOW.

| | | | | | | | | |



757225127

*Michael Harkins*  
Michael Harkins, Secretary of State

AUTHENTICATION: 11360272

DATE: 08/13/1987