

Horsehead Holding Corp  
 Form 3  
 August 09, 2007

**FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**

OMB APPROVAL

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**INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,  
 Section 17(a) of the Public Utility Holding Company Act of 1935 or Section  
 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

|                                           |         |          |                                      |                                                  |                                                            |
|-------------------------------------------|---------|----------|--------------------------------------|--------------------------------------------------|------------------------------------------------------------|
| 1. Name and Address of Reporting Person * |         |          | 2. Date of Event Requiring Statement | 3. Issuer Name and Ticker or Trading Symbol      |                                                            |
| GOLDMAN SACHS GROUP INC/                  |         |          | (Month/Day/Year)                     | Horsehead Holding Corp [ZINC]                    |                                                            |
| (Last)                                    | (First) | (Middle) |                                      | 4. Relationship of Reporting Person(s) to Issuer | 5. If Amendment, Date Original Filed(Month/Day/Year)       |
| 85 BROAD ST                               |         |          |                                      | (Check all applicable)                           | 6. Individual or Joint/Group Filing(Check Applicable Line) |
| (Street)                                  |         |          |                                      | ____ Director                                    | __X__ 10% Owner                                            |
| NEW YORK, NY 10004                        |         |          |                                      | ____ Officer                                     | ____ Other                                                 |
| (City)                                    | (State) | (Zip)    |                                      | (give title below)                               | (specify below)                                            |
|                                           |         |          |                                      |                                                  | ____ Form filed by One Reporting Person                    |
|                                           |         |          |                                      |                                                  | __X__ Form filed by More than One Reporting Person         |

**Table I - Non-Derivative Securities Beneficially Owned**

| 1. Title of Security (Instr. 4)          | 2. Amount of Securities Beneficially Owned (Instr. 4) | 3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5) | 4. Nature of Indirect Beneficial Ownership (Instr. 5) |
|------------------------------------------|-------------------------------------------------------|----------------------------------------------------------|-------------------------------------------------------|
| Common Stock, par value \$0.01 per share | 4,615,384                                             | I                                                        | See footnote <u>(1)</u>                               |

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

SEC 1473 (7-02)

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**Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

| 1. Title of Derivative Security (Instr. 4) | 2. Date Exercisable and Expiration Date (Month/Day/Year) | 3. Title and Amount of Securities Underlying Derivative Security (Instr. 4) | 4. Conversion or Exercise Price of Derivative Security | 5. Ownership Form of Derivative Security: Direct (D) | 6. Nature of Indirect Beneficial Ownership (Instr. 5) |
|--------------------------------------------|----------------------------------------------------------|-----------------------------------------------------------------------------|--------------------------------------------------------|------------------------------------------------------|-------------------------------------------------------|
|                                            |                                                          | Title                                                                       |                                                        |                                                      |                                                       |

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|                     |                    |                                  |                                  |
|---------------------|--------------------|----------------------------------|----------------------------------|
| Date<br>Exercisable | Expiration<br>Date | Amount or<br>Number of<br>Shares | or Indirect<br>(I)<br>(Instr. 5) |
|---------------------|--------------------|----------------------------------|----------------------------------|

## Reporting Owners

| Reporting Owner Name / Address                                | Relationships |           |         |       |
|---------------------------------------------------------------|---------------|-----------|---------|-------|
|                                                               | Director      | 10% Owner | Officer | Other |
| GOLDMAN SACHS GROUP INC/<br>85 BROAD ST<br>NEW YORK, NY 10004 | ^             | ^ X       | ^       | ^     |
| GOLDMAN SACHS & CO<br>85 BROAD STREET<br>NEW YORK, NY 10004   | ^             | ^ X       | ^       | ^     |

## Signatures

/s/ Andrea Louro DeMar,  
Attorney-in-fact  
08/09/2007  
Date

Signature of Reporting Person

/s/ Andrea Louro DeMar,  
Attorney-in-fact  
08/09/2007  
Date

Signature of Reporting Person

## Explanation of Responses:

\* If the form is filed by more than one reporting person, see Instruction 5(b)(v).

\*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

This statement is being filed by The Goldman Sachs Group, Inc. ("GS Group") and Goldman, Sachs & Co. ("Goldman Sachs", and (1) together with GS Group, the "Reporting Persons"). The securities reported herein are beneficially owned directly by Goldman Sachs and may be deemed to be beneficially owned indirectly by GS Group. Goldman Sachs is a wholly-owned subsidiary of GS Group.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, See Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.