

ENGELHARD CORP  
Form 10-Q  
November 08, 2004

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

**FORM 10-Q**

(Mark One)

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

For the quarterly period ended September 30, 2004

OR

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

For the transition period from \_\_\_\_\_ to \_\_\_\_\_

*Commission file number 1-8142*

**ENGELHARD CORPORATION**

(Exact name of Registrant as specified in its charter)

**DELAWARE**

(State or other jurisdiction of  
incorporation or organization)

**22-1586002**

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

**101 WOOD AVENUE, ISELIN, NEW JERSEY, 08830**

(Address of principal executive offices)

**(732) 205-5000**

(Registrant's telephone number, including area code)

Indicate by check mark whether the Registrant (1) has filed all reports required to be filed by Section 13 or 15 (d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the Registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes  No

Indicate by check mark whether the registrant is an accelerated filer (as defined in Rule 12b-2 of the Exchange Act). Yes  No

Indicate the number of shares outstanding of each of the issuer's classes of common stock, as of the latest practicable date.

Class of Common Stock

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Outstanding at November 1, 2004

\$1 par value

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122,301,886

**PART I - FINANCIAL INFORMATION****Item****1. Financial Statements**

**ENGELHARD CORPORATION**  
**CONDENSED CONSOLIDATED STATEMENTS OF EARNINGS**  
(Thousands, except per-share data)  
(Unaudited)

|   | <b>Three Months Ended</b> |             | <b>Nine Months Ended</b> |              |
|---|---------------------------|-------------|--------------------------|--------------|
|   | <b>September 30,</b>      |             | <b>September 30,</b>     |              |
|   | <b>2004</b>               | <b>2003</b> | <b>2004</b>              | <b>2003</b>  |
| Net sales   | \$ 1,001,973              | \$ 915,373  | \$ 3,149,780             | \$ 2,675,170 |
| Cost of sales   | 833,082                   | 761,234     | 2,651,792                | 2,208,573    |
| Gross profit  | 168,891                   | 154,139     | 497,988                  | 466,597      |
| Selling, administrative and other expenses  | 95,313                    | 88,038      | 286,756                  | 268,607      |
| Special credit, net   |                           |             |                          | (11,978)     |
| Operating earnings  | 73,578                    | 66,101      | 211,232                  | 209,968      |
| Equity in earnings of affiliates  | 6,087                     | 14,517      | 19,390                   | 27,694       |
| Interest income   | 1,174                     | 1,004       | 3,494                    | 2,719        |
| Interest expense  | (5,127)                   | (6,514)     | (16,915)                 | (18,539)     |
| Earnings before income taxes  | 75,712                    | 75,108      | 217,201                  | 221,842      |
| Income tax expense  | 16,657                    | 15,275      | 39,809                   | 49,039       |
| Net earnings before cumulative effect of a change in accounting principle, net of tax | 59,055                    | 59,833      | 177,392                  | 172,803      |
| Cumulative effect of a change in accounting principle, net of tax of \$1,390          |                           |             |                          | (2,269)      |
| Net earnings  | \$ 59,055                 | \$ 59,833   | \$ 177,392               | \$ 170,534   |
| Earnings per share - basic:   |                           |             |                          |              |
| Earnings before cumulative effect of a change in accounting principle                 | \$ 0.48                   | \$ 0.48     | \$ 1.44                  | \$ 1.38      |
| Cumulative effect of a change in accounting principle, net of tax                     |                           |             |                          | (0.02)       |
| Earnings per share - basic  | \$ 0.48                   | \$ 0.48     | \$ 1.44                  | \$ 1.36      |
| Earnings per share - diluted:   |                           |             |                          |              |
| Earnings before cumulative effect of a change in accounting principle                 | \$ 0.47                   | \$ 0.47     | \$ 1.41                  | \$ 1.36      |
| Cumulative effect of a change in accounting principle, net of tax                     |                           |             |                          | (0.02)       |
| Earnings per share - diluted  | \$ 0.47                   | \$ 0.47     | \$ 1.41                  | \$ 1.34      |
| Cash dividends paid per share   | \$ 0.11                   | \$ 0.10     | \$ 0.33                  | \$ 0.30      |
| Average number of shares outstanding - basic  | 122,951                   | 124,683     | 123,584                  | 125,601      |
| Average number of shares outstanding - diluted  | 125,150                   | 126,877     | 125,829                  | 127,320      |

See the Accompanying Notes to the Unaudited Condensed Consolidated Financial Statements

**ENGELHARD CORPORATION**  
**CONDENSED CONSOLIDATED BALANCE SHEETS**  
(Thousands)  
(Unaudited)

|  | <b>September 30,<br/>2004</b> | <b>December 31,<br/>2003</b> |
|--|-------------------------------|------------------------------|
| Cash                                       | \$ 43,360                     | \$ 87,889                    |
| Receivables, net                           | 438,023                       | 400,043                      |
| Committed metal positions                  | 356,718                       | 350,163                      |
| Inventories                                | 452,475                       | 442,787                      |
| Other current assets                       | 134,758                       | 112,678                      |
| Total current assets                       | 1,425,334                     | 1,393,560                    |
| Investments                                | 165,812                       | 158,664                      |
| Property, plant and equipment, net         | 878,711                       | 880,822                      |
| Goodwill                                   | 326,151                       | 275,121                      |
| Other intangible and noncurrent assets     | 195,982                       | 224,836                      |
| Total assets                               | \$ 2,991,990                  | \$ 2,933,003                 |
| Short-term borrowings                      | \$ 13,949                     | \$ 68,275                    |
| Accounts payable                           | 238,754                       | 296,979                      |
| Hedged metal obligations                   | 311,389                       | 295,821                      |
| Other current liabilities                  | 262,660                       | 286,940                      |
| Total current liabilities                  | 826,752                       | 948,015                      |
| Long-term debt                             | 508,405                       | 390,565                      |
| Other noncurrent liabilities               | 303,294                       | 309,024                      |
| Shareholders' equity                       | 1,353,539                     | 1,285,399                    |
| Total liabilities and shareholders' equity | \$ 2,991,990                  | \$ 2,933,003                 |

See the Accompanying Notes to the Unaudited Condensed Consolidated Financial Statements

**ENGELHARD CORPORATION**  
**CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS**  
**(Thousands)**  
**(Unaudited)**

|   | <b>Nine Months Ended</b> |             |
|---|--------------------------|-------------|
|   | <b>September 30,</b>     |             |
|   | <b>2004</b>              | <b>2003</b> |
| Cash flows from operating activities  |                          |             |
| Net earnings  | \$ 177,392               | \$ 170,534  |
| Adjustments to reconcile net earnings to net cash provided by operating activities: |                          |             |
| Depreciation and depletion  | 94,106                   | 93,261      |
| Amortization of intangible assets   | 2,767                    | 2,479       |
| Equity results, net of dividends  | (4,608)                  | (8,347)     |
| Net change in assets and liabilities:   |                          |             |
| Materials Services related  | (47,961)                 | 54,650      |
| All other   | (51,451)                 | (14,448)    |
| Net cash provided by operating activities   | 170,245                  | 298,129     |
| Cash flows from investing activities  |                          |             |
| Capital expenditures  | (76,698)                 | (68,080)    |
| Proceeds from investments   | 1,988                    | 7,531       |
| Acquisitions and other investments  | (66,240)                 |             |
| Net cash used in investing activities   | (140,950)                | (60,549)    |
| Cash flows from financing activities  |                          |             |
| Repayment of short-term borrowings  | (54,326)                 | (262,280)   |
| Proceeds from issuance of long-term debt  | 108,972                  | 147,842     |
| Repayment of long-term debt   |                          | (184)       |
| Purchase of treasury stock  | (107,586)                | (84,517)    |
| Cash from exercise of stock options   | 22,433                   | 23,293      |
| Dividends paid  | (40,819)                 | (37,823)    |
| Net cash used in financing activities   | (71,326)                 | (213,669)   |
| Effect of exchange rate changes on cash   | (2,498)                  | 7,220       |
| Net (decrease)increase in cash  | (44,529)                 | 31,131      |
| Cash at beginning of year   | 87,889                   | 48,246      |
| Cash at end of period   | \$ 43,360                | \$ 79,377   |

See the Accompanying Notes to the Unaudited Condensed Consolidated Financial Statements



**ENGELHARD CORPORATION**  
**BUSINESS SEGMENT INFORMATION**  
**(Thousands)**  
**(Unaudited)**

|   | <b>Three Months Ended</b> |             | <b>Nine Months Ended</b> |              |
|---|---------------------------|-------------|--------------------------|--------------|
|   | <b>September 30,</b>      |             | <b>September 30,</b>     |              |
|   | <b>2004</b>               | <b>2003</b> | <b>2004</b>              | <b>2003</b>  |
| Net Sales   |                           |             |                          |              |
| Environmental Technologies  | \$ 217,321                | \$ 202,225  | \$ 679,967               | \$ 624,918   |
| Process Technologies  | 147,775                   | 143,568     | 439,209                  | 401,921      |
| Appearance and Performance Technologies   | 172,188                   | 166,089     | 523,719                  | 500,475      |
| Technology segments   | 537,284                   | 511,882     | 1,642,895                | 1,527,314    |
| Materials Services  | 449,240                   | 385,308     | 1,465,492                | 1,108,750    |
| All Other   | 15,449                    | 18,183      | 41,393                   | 39,106       |
| Total net sales   | \$ 1,001,973              | \$ 915,373  | \$ 3,149,780             | \$ 2,675,170 |
| Operating Earnings  |                           |             |                          |              |
| Environmental Technologies  | \$ 32,961                 | \$ 30,980   | \$ 102,706               | \$ 87,046    |
| Process Technologies  | 20,724                    | 24,629      | 60,085                   | 62,720       |
| Appearance and Performance Technologies   | 19,264                    | 18,009      | 58,121                   | 55,205       |
| Technology segments   | 72,949                    | 73,618      | 220,912                  | 204,971      |
| Materials Services  | 6,444                     | 1,295       | 12,566                   | 8,779        |
| All Other   | (5,815)                   | (8,812)     | (22,246)                 | (3,782)      |
| Total operating earnings  | 73,578                    | 66,101      | 211,232                  | 209,968      |
| Equity in earnings of affiliates  | 6,087                     | 14,517      | 19,390                   | 27,694       |
| Interest income   | 1,174                     | 1,004       | 3,494                    | 2,719        |
| Interest expense  | (5,127)                   | (6,514)     | (16,915)                 | (18,539)     |
| Earnings before income taxes  | 75,712                    | 75,108      | 217,201                  | 221,842      |
| Income tax expense  | 16,657                    | 15,275      | 39,809                   | 49,039       |
| Net earnings before cumulative effect of a change in accounting principle, net of tax | 59,055                    | 59,833      | 177,392                  | 172,803      |
| Cumulative effect of a change in accounting principle, net of tax of \$1,390          |                           |             |                          | (2,269)      |
| Net earnings  | \$ 59,055                 | \$ 59,833   | \$ 177,392               | \$ 170,534   |

See the Accompanying Notes to the Unaudited Condensed Consolidated Financial Statements





## **Notes to the Unaudited Condensed Consolidated Financial Statements**

### **Note 1 - Basis of Presentation**

The unaudited condensed consolidated financial statements of Engelhard Corporation and subsidiaries (the Company) contain all adjustments, consisting only of normal recurring adjustments, which, in the opinion of management, are necessary for a fair presentation of the results for the interim periods presented. The financial statement results for interim periods are not necessarily indicative of financial results for the full year. These financial statements should be read in conjunction with the consolidated financial statements and notes thereto included in the Company's 2003 Form 10-K. The unaudited condensed consolidated financial statements include the accounts of the Company and its subsidiaries. All significant intercompany transactions and balances have been eliminated in consolidation.

The prior year presentation of the Condensed Consolidated Statements of Cash Flows has been changed to conform to the current year presentation. Specifically, Decrease in hedged metal obligation has been reclassified from Net cash used in financing activities to Net cash provided by operating activities, and is included in the Materials Services related line. The net effect of this reclassification is to decrease Net cash provided by operating activities by \$241 million and decrease Net cash used in financing activities by an equivalent amount.

### **Note 2 - Special Charges and Credits**

In the first quarter of 2003, the Company entered into a settlement agreement, releasing a claim the Company had brought against Research Corporation and Research Corporation Technologies in exchange for payment of \$38.0 million. Accordingly, the Company recorded a gain of \$28.4 million (\$17.6 million after tax) in the first quarter of 2003, net of legal fees and the portion of the settlement related to future royalties. This gain was included in the Company's All Other category and in the Special credit, net line in the Condensed Consolidated Statements of Earnings. By way of background, on October 29, 2002, a jury in the New York County Supreme Court awarded the Company \$29.8 million in damages, plus interest, in a breach of contract action the Company brought against Research Corporation and Research Corporation Technologies in 1998. The jury found that the defendants did not share with the Company all royalties to which the Company was entitled under a royalty-sharing agreement it entered into with Research Corporation in 1979.

Also in the first quarter of 2003, the Company recorded charges totaling \$8.7 million (\$5.6 million after tax) primarily related to a management consolidation and productivity initiative in the Environmental and Process Technologies segments and within the All Other category. The amounts of \$5.3 million (\$3.5 million after tax), \$2.6 million (\$1.6 million after tax) and \$0.8 million (\$0.5 million after tax) were reported in the Environmental Technologies segment, the Process Technologies segment and the All Other category, respectively. These charges are included in the Special credit, net line in the Condensed Consolidated Statements of Earnings.

In the Environmental Technologies segment, the charge of \$5.3 million primarily relates to the closure of the segment's Coleford, United Kingdom plant (\$2.8 million) and employee severance costs related to productivity initiatives (\$2.5 million). The employee severance charges included an actual reduction of 96 salaried and eight hourly employees. As a result of closing this plant, the segment has outsourced the canning operations associated with this business. The closure resulted in an impairment charge of \$1.5 million to write down fixed assets and other exit-related costs of \$1.3 million.

In the Process Technologies segment, the charge of \$2.6 million primarily relates to employee severance and the termination of an agency agreement associated with sales to the chemical-process market. The employee severance charges relate to the reduction of 13 salaried employees. Selling activities associated with the termination of the agency agreement will be covered by the segment's internal sales force.

In the All Other category, the charge of \$0.8 million was for employee severance costs related to the actual reduction of six salaried employees.

In the second quarter of 2003, the Company recorded a charge of \$7.8 million (\$4.8 million after tax) for the fair value of the remaining lease costs of certain mineral-storage facilities no longer needed because of productivity initiatives. As of June 30, 2003, the Company's Appearance and Performance Technologies segment

had ceased using these facilities and, accordingly, a provision for the fair value of remaining lease costs was reported in the Special credit, net line in the Condensed Consolidated Statements of Earnings.

The actions undertaken by the Company in relation to these special charges are substantially complete.

### Note 3 - Accounting for Asset Retirement Obligations

The Company's asset retirement obligations primarily relate to kaolin mining operations of its Appearance and Performance Technologies segment. In order to provide kaolin-based products to the Company's customers and the Process Technologies segment, the Company engages in kaolin mining operations. The kaolin mining process includes exploration, topsoil and overburden removal, extraction of kaolin and the subsequent reclamation of mined areas. The Company has a legal obligation to reclaim mined areas under state regulations. Prior to adoption of Statement of Financial Accounting Standards (SFAS) No. 143, Accounting for Asset Retirement Obligations, the Company expensed reclamation costs as the mined areas were reclaimed.

At January 1, 2003, the Company recognized transition amounts for existing asset retirement obligation liabilities, associated capitalizable costs and accumulated depreciation. A transition charge of \$3.7 million (\$2.3 million after tax or \$0.02 per share on a diluted basis) was recorded on January 1, 2003 as the cumulative effect of an accounting change.

The following table represents the change in the Company's asset retirement obligation liability (in millions):

|   | <b>September 30,<br/>2004</b> | <b>September 30,<br/>2003</b> |
|---|-------------------------------|-------------------------------|
| Balance at beginning of year                            | \$ 10.5                       | \$ 7.1                        |
| Liability recognized in transition                      |                               | 7.1                           |
| Liability recognized during the nine-month period ended |                               | 2.3                           |
| Accretion expense                                       | 0.5                           | 0.4                           |
| Payments  | (0.9)                         | (0.4)                         |
| Asset retirement obligation at end of period            | \$ 10.1                       | \$ 9.4                        |

### Note 4 - Inventories

Inventories consist of the following (in millions):

|                   | <b>September 30,<br/>2004</b> | <b>December 31,<br/>2003</b> |
|-------------------|-------------------------------|------------------------------|
| Raw materials     | \$ 132.7                      | \$ 121.3                     |
| Work in process   | 56.1                          | 48.1                         |
| Finished goods    | 247.0                         | 256.2                        |
| Precious metals   | 16.7                          | 17.2                         |
| Total inventories | \$ 452.5                      | \$ 442.8                     |

The majority of the Company's physical metal is carried in the committed metal positions line on the balance sheet at fair value with the remainder carried in the inventory line at historical cost. The inventory portion of precious metals is stated at LIFO cost. The market value of the precious metals recorded at LIFO exceeded cost by \$77.3 million and \$52.8 million at September 30, 2004 and December 31, 2003, respectively. Net earnings include after-tax gains of

\$1.5 million and \$3.1 million in the third quarter periods ended September 30, 2004 and 2003, respectively, from the sale of inventory accounted for under the LIFO method.

In the normal course of business, certain customers and suppliers deposit significant quantities of precious metals with the Company under a variety of arrangements. Equivalent quantities of precious metals are returnable

as product or in other forms. Metals held for the accounts of customers and suppliers are not reflected in the Company's financial statements.

### Note 5 - Comprehensive Income

Comprehensive income is summarized as follows (in millions):

|   | Three Months Ended<br>September 30, |         | Nine Months Ended<br>September 30, |          |
|---|-------------------------------------|---------|------------------------------------|----------|
|   | 2004                                | 2003    | 2004                               | 2003     |
| Net earnings                                | \$ 59.1                             | \$ 59.8 | \$ 177.4                           | \$ 170.5 |
| Other comprehensive income/(loss):          |                                     |         |                                    |          |
| Foreign currency translation adjustment     | 2.1                                 | 8.2     | 2.7                                | 38.5     |
| Cash flow derivative adjustment, net of tax | 0.7                                 | (1.1)   | 1.9                                | (1.0)    |
| Investment adjustment, net of tax           | (0.3)                               | 0.1     | (0.7)                              | (0.1)    |
| Comprehensive income                        | \$ 61.6                             | \$ 67.0 | \$ 181.3                           | \$ 207.9 |

The foreign currency translation adjustments are not currently adjusted for income taxes as they relate to permanent investments in non-U.S. entities.

### Note 6 - Earnings Per Share

SFAS No. 128 Earnings Per Share specifies the computation, presentation and disclosure requirements for basic and diluted earnings per share (EPS). The following table represents the computation of basic and diluted EPS as required by SFAS No. 128:

| (in millions, except per-share data):                 | Three Months Ended<br>September 30, |         | Nine Months Ended<br>September 30, |          |
|---|-------------------------------------|---------|------------------------------------|----------|
|   | 2004                                | 2003    | 2004                               | 2003     |
| <u>Basic EPS Computation</u>                          |                                     |         |                                    |          |
| Net earnings applicable to common shares              | \$ 59.1                             | \$ 59.8 | \$ 177.4                           | \$ 170.5 |
| Average number of shares outstanding - basic          | 123.0                               | 124.7   | 123.6                              | 125.6    |
| Basic earnings per share                              | \$ 0.48                             | \$ 0.48 | \$ 1.44                            | \$ 1.36  |
| <u>Diluted EPS Computation</u>                        |                                     |         |                                    |          |
| Net earnings applicable to common shares              | \$ 59.1                             | \$ 59.8 | \$ 177.4                           | \$ 170.5 |
| Average number of shares outstanding - basic          | 123.0                               | 124.7   | 123.6                              | 125.6    |
| Effect of dilutive stock options and other incentives | 2.2                                 | 2.2     | 2.2                                | 1.7      |
| Average number of shares outstanding - diluted        | 125.2                               | 126.9   | 125.8                              | 127.3    |
| Diluted earnings per share                            | \$ 0.47                             | \$ 0.47 | \$ 1.41                            | \$ 1.34  |

**Note 7 - Derivatives and Hedging**

The Company reports all derivative instruments on the balance sheet at fair value. Changes in the fair value of derivatives designated as cash flow hedges are initially recorded in comprehensive income and are reclassified to earnings in the period the hedged item is reflected in earnings. Changes in the fair value of derivatives that are not designated as cash flow hedges are reported immediately in earnings. Cash flows resulting from derivatives accounted for as cash flow or fair value hedges are classified in the same category as the cash flows from the underlying transactions.

In order to manage in a manner consistent with historical processes, procedures and systems and to achieve operating economies, certain economic hedge transactions are not designated as hedges for accounting purposes. In those cases, which primarily relate to precious and base metals, the Company will continue to mark-to-market both the hedge instrument and the related position constituting the risk hedged, recognizing the net effect in current earnings.

The Company documents all relationships between derivative hedging instruments and items impacted by cash flow hedges at the time the hedges are initiated, as well as its risk-management strategies for entering into various hedge transactions. For the three- and nine-month periods ended September 30, 2004 and 2003, there was no gain or loss recognized in earnings resulting from hedge ineffectiveness.

#### Foreign Exchange Contracts

The Company designates as cash flow hedges certain foreign currency derivative contracts entered into as hedges against anticipated receivables or payables which will arise from forecasted transactions that are denominated in currencies other than the functional currency of the entity which holds those assets or liabilities. The ultimate maturities of the contracts are timed to coincide with the expected occurrence of the underlying sale or purchase transaction.

A second group of forward contracts entered into to hedge the exposure to foreign currency fluctuations associated with certain monetary assets and liabilities is not designated as hedging instruments for accounting purposes. Changes in the fair value of these items are recorded in earnings to offset the foreign exchange gains and losses arising from the effect of changes in exchange rates used to measure related monetary assets and liabilities.

#### Commodity Contracts

The Company enters into contracts that are designated as cash flow hedges to protect a portion of its exposure to movements in certain commodity prices. These contracts primarily relate to derivatives designated as natural gas and nickel cash flow hedges. The ultimate maturities of the contracts are timed to coincide with the expected usage of these commodities.

#### Interest Rate Derivatives

The Company uses interest rate derivatives that are designated as fair value hedges to help achieve its fixed- and floating-rate debt objectives. The Company currently has two interest rate swap agreements with a total notional value of \$100 million maturing in August 2006, three interest rate swap agreements with a total notional value of \$150 million maturing in May 2013, and two additional interest rate swap agreements with a total notional value of \$120 million maturing in June 2028. These agreements effectively change fixed-rate debt obligations into floating-rate debt obligations. The total notional values and maturity dates of these agreements are equal to the face values and maturity dates of the related debt instruments. For these fair value hedges, there was no gain or loss recognized from hedged firm commitments no longer qualifying as fair value hedges for the three- and nine-month periods ended September 30, 2004 and 2003.

In March 2004, the Company entered into an additional interest rate derivative contract. This derivative, referred to as a Forward-Rate Agreement (FRA), economically hedged our interest rate exposure for the May 15, 2004 LIBOR rate reset under a pre-existing interest rate swap agreement. This FRA is marked-to-market with the gain/loss being reflected in earnings.

In June 2004, the Company entered into two additional FRA contracts, which economically hedged our interest rate exposure for the December 1, 2004 LIBOR rate reset under a pre-existing interest rate swap agreement. This FRA is



marked-to-market with the gain/loss being reflected in earnings.

Net Investment Hedges

The Company issued two tranches (one in April 2004 and one in August 2004) of five-year term, 5.5 billion Japanese yen notes (approximately \$50 million each) with a coupon rate of 1.1%. These notes are designated as an effective net investment hedge of a portion of the Company's yen-denominated investments. As such, any

foreign currency gains and losses resulting from these notes are accounted for as a component of other comprehensive income.

### Note 8 - Guarantees and Warranties

In the normal course of business, the Company incurs obligations with regard to contract completion and product performance. Under certain circumstances, these obligations are supported through the issuance of letters of credit. At September 30, 2004, the aggregate outstanding amount of letters of credit supporting such obligations amounted to \$72.0 million, of which \$65.3 million will expire in less than one year, \$6.6 million will expire in two to three years, and \$0.1 million will expire after five years. In the opinion of management, such obligations will not significantly affect the Company's financial position or results of operations as the Company anticipates fulfilling its performance obligations.

The Company accrues for anticipated product warranty expenses on certain products. Accruals for anticipated warranty liabilities are recorded based upon a review of historical warranty claims experience. Adjustments are made to accruals as claim data and historical experience warrant. In the current quarter, the Company reversed a \$1.5 million warranty accrual due to favorable experience. The amounts accrued by the Company comprise warranty liabilities within the industrial business of the Environmental Technologies segment.

The change in the Company's product warranty reserves is as follows (in millions):

|                              | <b>September 30,<br/>2004</b> |       | <b>September 30,<br/>2003</b> |       |
|------------------------------|-------------------------------|-------|-------------------------------|-------|
| Balance at beginning of year | \$                            | 10.0  | \$                            | 11.1  |
| Payments                     |                               | (3.6) |                               | (3.8) |
| Net provision                |                               | 2.1   |                               | 1.8   |
| Balance at end of period     | \$                            | 8.5   | \$                            | 9.1   |

### Note 9 - Goodwill and Other Intangible Assets

Identifiable intangible assets, such as patents and trademarks, are amortized using the straight-line method over their estimated useful lives. Goodwill and other intangible assets that have indefinite useful lives are not amortized, but are tested for impairment based on the specific guidance of SFAS No. 142, Goodwill and Other Intangible Assets.

The following information relates to acquired amortizable intangible assets (in millions):

|  | <b>As of September 30, 2004</b>      |                                     | <b>As of December 31, 2003</b>       |                                     |
|--|--------------------------------------|-------------------------------------|--------------------------------------|-------------------------------------|
|  | <b>Gross<br/>Carrying<br/>Amount</b> | <b>Accumulated<br/>Amortization</b> | <b>Gross<br/>Carrying<br/>Amount</b> | <b>Accumulated<br/>Amortization</b> |
| Acquired Amortizable Intangible Assets |                                      |                                     |                                      |                                     |
| Usage rights                           | \$ 20.4                              | \$ 5.4                              | \$ 20.7                              | \$ 4.5                              |
| Supply agreements                      | 17.7                                 | 5.6                                 | 17.9                                 | 4.7                                 |
| Technology licenses                    | 8.6                                  | 3.3                                 | 8.6                                  | 2.6                                 |
| Other                                  | 3.7                                  | 2.3                                 | 3.7                                  | 2.1                                 |
| Total                                  | \$ 50.4                              | \$ 16.6                             | \$ 50.9                              | \$ 13.9                             |



Total accumulated amortization for goodwill and other intangible assets amounted to \$83.0 million and \$80.2 million at September 30, 2004 and December 31, 2003, respectively. As of September 30, 2004, the estimated aggregate amortization expense for each of the five succeeding years is as follows (in millions):

Estimated Annual Amortization Expense:

|      |        |
|------|--------|
| 2004 | \$ 3.7 |
| 2005 | 3.7    |
| 2006 | 3.5    |
| 2007 | 3.5    |
| 2008 | 3.4    |

The following table represents the changes in the carrying amount of goodwill for the nine-month period ended September 30, 2004 (in millions):

|  | <b>Environmental<br/>Technologies</b> | <b>Process<br/>Technologies</b> | <b>Appearance<br/>&amp;<br/>Performance<br/>Technologies</b> | <b>All Other</b> | <b>Total</b> |
|--|---------------------------------------|---------------------------------|--|------------------|--------------|
| Balance as of January 1, 2004              | \$ 13.7                               | \$ 107.5                        | \$ 153.4   | \$ 0.5           | \$ 275.1     |
| Goodwill additions                         | 5.6                                   |                                 | 45.4(a)  |                  | 51.0         |
| Foreign currency translation<br>adjustment | 0.1                                   | 0.2                             | 0.5  |                  | 0.8          |
| Other                                      |                                       |                                 | (0.7)  |                  | (0.7)        |
| Balance as of September 30,<br>2004        | \$ 19.4                               | \$ 107.7                        | \$ 198.6   | \$ 0.5           | \$ 326.2     |

(a) Goodwill addition of \$45.4 million relates to the Company's acquisition of The Collaborative Group, Ltd., including its wholly owned subsidiary Collaborative Laboratories, Inc., during the three-month period ended September 30, 2004. This amount represents the excess of the purchase price paid over the fair market value of the net assets acquired. The Company is completing its review and determination of these fair values, and thus the allocation of the purchase price is subject to revision, although a significant change is not anticipated.

**Note 10 - Committed Metal Positions and Hedged Metal Obligations**

|  | <b>September 30,<br/>2004</b> | <b>December 31,<br/>2003</b> |
|--|-------------------------------|------------------------------|
| Committed Metal Positions were comprised of the following:   |                               |                              |
| Metals in a net spot long position economically hedged with derivatives<br>(primarily forward sales) | \$ 339.9                      | \$ 272.7                     |
| Fair value of hedging derivatives in a gain position   | 17.1                          | 24.3                         |
| Unhedged metal positions, net (see analysis below)   | (0.3)                         | 12.2                         |
| Advance payments for metals received with prices to be determined, net of<br>hedged spot sales       |                               | 41.0                         |
| Total committed metal positions  | \$ 356.7                      | \$ 350.2                     |



Both spot metal positions and derivative instruments are stated at fair value. Fair value is based on relevant published market prices. The following table sets forth the Company's unhedged metal positions included in the Committed metal positions line on the Company's Condensed Consolidated Balance Sheets:

Metal Positions Information (in millions):

|                               | September 30, 2004 |          | December 31, 2003 |         |
|-------------------------------|--------------------|----------|-------------------|---------|
|                               | Net Position       | Value    | Net Position      | Value   |
| Platinum group metals         | Long               | \$ 2.6   | Long              | \$ 10.1 |
| Gold                          | Long               | 1.4      | Long              | 0.7     |
| Silver                        | Short              | (0.7)    | Short             | (0.6)   |
| Base metals                   | Short              | (3.6)    | Long              | 2.0     |
| Unhedged metal positions, net |                    | \$ (0.3) |                   | \$ 12.2 |

Committed metal positions may include significant advances made for the purchase of precious metals delivered to the Company, but for which final purchase price has not yet been determined. As of September 30, 2004, all such contracts have been final priced and settled.

|  | September 30,<br>2004 | December 31,<br>2003 |
|--|-----------------------|----------------------|
| Hedged Metal Obligations were comprised of the following:  |                       |                      |
| Metals in a net spot short position economically hedged with derivatives (primarily forward purchases) - represents a payable for the return of spot metal to counterparties | \$ 272.9              | \$ 273.6             |
| Fair value of hedging derivatives in a loss position   | 38.5                  | 22.2                 |
| Total hedged metal obligations   | \$ 311.4              | \$ 295.8             |

At September 30, 2004 and December 31, 2003, hedged metal obligations relating to 673,686 and 734,845 troy ounces of gold, respectively, were outstanding. These quantities were sold short on a spot basis generating cash approximating \$274 million and \$275 million, respectively. These spot sales were hedged with forward purchases for the same number of ounces at an average price of \$406.49 at September 30, 2004 and \$374.00 at December 31, 2003. Unless a forward counterparty failed to perform, there was no risk of loss in the event prices rose. All counterparties for such transactions are investment grade.

Derivative metal and foreign currency instruments are used to hedge metal positions and obligations. As of September 30, 2004, 97.5% of these instruments have settlement terms of less than one year, with the remaining instruments expected to settle within 34 months. The notional value of these derivative metal and foreign currency instruments are presented below:

Metal Hedging Instruments (in millions):

|                        | September 30, 2004 |          | December 31, 2003 |          |
|------------------------|--------------------|----------|-------------------|----------|
|                        | Buy                | Sell     | Buy               | Sell     |
| Metal forwards/futures | \$ 699.9           | \$ 713.8 | \$ 848.4          | \$ 719.4 |
| Eurodollar futures     | 11.2               | 139.3    | 43.1              | 127.4    |
| Swaps                  | 34.7               | 22.3     | 19.7              | 5.4      |

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|   |     |      |      |      |
|---|-----|------|------|------|
| Options   | 8.8 |      | 33.6 | 14.6 |
| Foreign exchange forwards/futures -<br>Japanese yen |     | 99.9 |      | 97.3 |
| Foreign exchange forwards/futures -<br>Euro         |     | 21.3 |      | 37.9 |
| Foreign exchange forwards/futures -<br>Other        | 6.2 |      | 3.4  |      |

**Note 11 - Stock Option and Bonus Plans**

The Company has several long-term incentive compensation plans that allow for the granting of stock options to employees. Had compensation cost for the Company's stock option plans been determined based on the fair value at grant date consistent with the provisions of SFAS No. 123, Accounting for Stock-Based Compensation, as amended by SFAS No. 148, Accounting for Stock-Based Compensation Transition and Disclosure, the Company's net earnings and earnings per share would have been as follows:

| Pro Forma Information<br>(in millions, except per share-data):   | Three Months Ended<br>September 30, |         | Nine Months Ended<br>September 30, |          |
|--|-------------------------------------|---------|------------------------------------|----------|
|  | 2004                                | 2003    | 2004                               | 2003     |
| Net earnings - as reported   | \$ 59.1                             | \$ 59.8 | \$ 177.4                           | \$ 170.5 |
| Deduct: Total stock-based employee<br>compensation expense determined<br>under fair value based method for all<br>awards, net of tax | (1.5)                               | (1.4)   | (5.2)                              | (4.2)    |
| Net earnings - pro forma   | \$ 57.6                             | \$ 58.4 | \$ 172.2                           | \$ 166.3 |
| Earnings Per Share:  |                                     |         |                                    |          |
| Basic earnings per share - as reported   | \$ 0.48                             | \$ 0.48 | \$ 1.44                            | \$ 1.36  |
| Basic earnings per share - pro forma   | 0.47                                | 0.47    | 1.39                               | 1.32     |
| Diluted earnings per share - as reported   | 0.47                                | 0.47    | 1.41                               | 1.34     |
| Diluted earnings per share - pro forma   | 0.46                                | 0.46    | 1.37                               | 1.31     |

**Note 12 - Benefits**

The Company has domestic and foreign pension plans covering substantially all employees. The Company also provides post-employment and postretirement benefits to certain eligible employees. The components of net periodic benefit cost for the nine-month periods ended September 30, 2004 and 2003 are shown in the following table:

Net Periodic Benefit Cost (in millions):

|                                    | Pension Benefits |         | Other Benefits |        |
|------------------------------------|------------------|---------|----------------|--------|
|                                    | 2004             | 2003    | 2004           | 2003   |
| Service cost                       | \$ 16.5          | \$ 13.9 | \$ 3.0         | \$ 2.6 |
| Interest cost                      | 28.4             | 25.9    | 6.3            | 7.0    |
| Expected return on plan assets     | (36.1)           | (31.8)  |                |        |
| Amortization of prior service cost | 2.4              | 1.5     | (1.6)          | (4.5)  |
| Recognized actuarial loss          | 8.0              | 6.5     | 1.0            | 0.7    |
| Net periodic benefit cost          | \$ 19.2          | \$ 16.0 | \$ 8.7         | \$ 5.8 |

In addition to the amounts previously disclosed in the Company's 2003 Form 10-K, the Company made a discretionary contribution of \$12.0 million to its domestic pension plans in the third quarter of 2004. As a result of this contribution, the Company expects the projected benefit obligation of all of its combined defined benefit pension plans to be approximately 80% funded. Based on current assumptions, the Company has determined that its net pension cost is projected to be approximately \$33 to \$34 million in 2005, compared to \$26 million in 2004 and \$21 million in 2003.



In accordance with FASB Staff Position (FSP) No. 106-2, Accounting and Disclosure Requirements Related to the Medicare Prescription Drug, Improvement and Modernization Act of 2003, the Company revalued the benefit obligation and determined that the reduction in the accumulated postretirement benefit obligation for the subsidy related to benefits attributed to past service is \$15 million. The Company now expects the full-year net

periodic postretirement benefit cost to be \$11.3 million. This amount includes a reduction of \$1.6 million from prior estimates, as a result of accounting for the effect of the subsidy, of which \$1.1 million is reflected in the nine-month period ended September 30, 2004.

The Company incurred benefit payments of \$8.7 million for the nine-month period ended September 30, 2004. Expected future benefit payments, including prescription drug benefits, are as follows (in millions):

| <u>Year</u>                          |        |
|--------------------------------------|--------|
| 2004 (October 1 through December 31) | \$ 2.4 |
| 2005                                 | 11.5   |
| 2006                                 | 11.4   |
| 2007                                 | 11.3   |
| 2008                                 | 11.1   |
| 2009 through 2013                    | 51.5   |

The Company expects the following reimbursements under the subsidy portion of the Medicare Prescription Drug, Improvement and Modernization Act of 2003 (in millions):

| <u>Year</u>                          |     |
|--------------------------------------|-----|
| 2004 (October 1 through December 31) | \$  |
| 2005                                 |     |
| 2006                                 | 1.7 |
| 2007                                 | 1.9 |
| 2008                                 | 1.9 |
| 2009 through 2013                    | 9.2 |

### **Note 13 - Supplemental Information**

The following table presents certain supplementary information to the Company's Condensed Consolidated Statements of Cash Flows:

Supplementary Cash Flow Information (in millions):

|   | <b>Nine Months Ended September 30,</b> |             |
|---|--|-------------|
|   | <b>2004</b>                            | <b>2003</b> |
| Materials Services related:                           |  |             |
| Change in assets and liabilities - source(use):       |  |             |
| Receivables   | \$ (1.8)                               | \$ 12.0     |
| Committed metal positions                             | (83.2)                                 | 282.6       |
| Inventories   | 0.2                                    | 0.7         |
| Other current assets                                  | 0.5                                    | (0.2)       |
| Accounts payable                                      | 39.1                                   | 25.3        |
| Hedged metal obligations                              | (0.7)                                  | (241.3)     |
| Other current liabilities                             | (2.1)                                  | (24.4)      |
| Net cash flows from changes in assets and liabilities | \$ (48.0)                              | \$ 54.7     |
| All Other   |  |             |
| Change in assets and liabilities - source(use):       |  |             |

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|                      |    |        |    |       |
|----------------------|----|--------|----|-------|
| Receivables          | \$ | (39.5) | \$ | 39.9  |
| Inventories          |    | (1.4)  |    | (0.8) |
| Other current assets |    | (5.3)  |    | (6.8) |

|   |           |           |
|---|-----------|-----------|
| Other noncurrent assets                               | 6.8       | (12.9)    |
| Accounts payable                                      | (2.8)     | (48.2)    |
| Other current liabilities                             | (6.8)     | 18.6      |
| Noncurrent liabilities                                | (2.5)     | (4.2)     |
| Net cash flows from changes in assets and liabilities | \$ (51.5) | \$ (14.4) |

**Note 14 - Other Matters**

The Company is involved in a value-added tax dispute in Peru. Management believes the Company was targeted by corrupt officials within a former Peruvian government. On December 2, 1999, Engelhard Peru, S.A., a wholly owned subsidiary, was denied refund claims of approximately \$28 million. The Peruvian tax authority also determined that Engelhard Peru, S.A. is liable for approximately \$63 million in refunds previously paid, fines and interest as of December 31, 1999. Interest and fines continue to accrue at rates established by Peruvian law. The Peruvian Tax Court ruled on February 11, 2003 that Engelhard Peru, S.A. was liable for these amounts, overruling precedent to apply a form over substance theory without any determination of fraudulent participation by Engelhard Peru, S.A. As part of its efforts to vigorously contest this determination, Engelhard Peru, S.A. filed a constitutional action against the Peruvian Tax agency and Tax Court. On May 3, 2004, the judge in this action ruled that none of the findings of the Peruvian tax authorities were properly applicable to Engelhard Peru, S.A. based on several grounds, including improper use of a presumption of guilt with no actual proof of irregularity in the transactions of Engelhard Peru, S.A. The government of Peru has appealed this decision. Management believes, based on consultation with counsel, that Engelhard Peru, S.A. is entitled to all refunds claimed and is not liable for any additional taxes, fines or interest. In late October 2000, a criminal proceeding alleging tax fraud and forgery related to this value-added tax dispute was initiated against two Lima-based officials of Engelhard Peru, S.A. Although Engelhard Peru, S.A. is not a defendant, it may be civilly liable in Peru if its representatives are found responsible for criminal conduct. In its own investigation, and in detailed review of the materials presented in Peru, management has not seen any evidence of tax fraud by these officials. Accordingly, Engelhard Peru, S.A. is assisting in the vigorous defense of this proceeding. Management believes the maximum economic exposure is limited to the aggregate value of all assets of Engelhard Peru, S.A. That amount, which is approximately \$30 million, including unpaid refunds, has been fully provided for in the accounts of the Company.

**Item 2. Management's Discussion and Analysis of Financial Condition and Results of Operations**

**Results of Operations**

Overview

The Company develops, manufactures and markets value-adding technologies based on surface and materials science for a wide spectrum of served markets. The Company also provides its technology segments, their customers and others with precious and base metals and related services. The Company's businesses are organized into four reportable segments that are discussed individually below. Additional detailed descriptive material is included in ITEM 1. BUSINESS and NOTE 19. BUSINESS SEGMENT AND GEOGRAPHIC AREA DATA in the Company's 2003 Form 10-K. Comparative financial data is also given in Note 19 of the Company's 2003 Form 10-K and on page 5 of this Form 10-Q.

One of the strengths of the Company is that its segments serve diverse markets, which is important for assessing the variability of future cash flows. The following economic comments also provide a useful context for evaluating the Company's performance: (1) worldwide auto builds continue to be relatively flat, albeit at fairly high levels - industry growth for auto-emission catalysts will benefit from tougher environmental regulation throughout the world over the next 5-10 years as well as developing economies, especially new Asian production; (2) more stringent diesel-emission regulations are being phased in, affording the Company additional opportunities for catalyst solutions; (3) worldwide petroleum refineries are operating close to capacity generating demand for the extra yields provided by Engelhard's advanced fluid cracking catalysts and performance additives; (4) markets for effect pigments and colors in cosmetics, personal care, auto finishes and coatings have remained positive during the recent economic downturns and tend to be less cyclical; (5) although there are signs of recovery, there has been little change in chemical industry customers continued ability to delay large replacement catalyst orders and the related demand for platinum-group-metal refining services; (6) the coated, free-sheet paper market is strengthening, but pricing continues to negatively impact the Company; and (7) margins related to the supply of metal to industrial customers are low because of changes in pricing and supply arrangements.

**Comparison of the Third Quarter of 2004  
with the Third Quarter of 2003**

Net earnings decreased to \$59.1 million in the third quarter of 2004 compared with \$59.8 million in the same period of 2003. Operating earnings for the third quarter of 2004 increased 11% to \$73.6 million from \$66.1 million in the same period of 2003. Total Company operating results were mixed as higher operating earnings from the Environmental Technologies segment, Appearance and Performance Technologies segment, Materials Services segment and the All Other category were partially offset by lower operating earnings from the Process Technologies segment.

In respect of recurring worldwide business operations, the Company's effective tax rate ("ETR") was estimated to be 22% for 2004. The ETR for 2004 will be lower than 22%, however, due to the conclusion of an IRS audit of the Company's 1998-2000 tax returns in the second quarter, as previously disclosed. Together with the one-time impact relating to the conclusion of the IRS audit, the ETR for 2004 is forecasted to be approximately 19.5%.

The Company believes that its ETR will be in the 22-24% range through 2007 with a potential increase of one percentage point in years after 2007 due to the effect of new tax laws enacted in October 2004. The recent changes in the Federal income tax laws result in the phase-out of extraterritorial income ( ETI ) tax benefits and the gradual

phase-in of new U.S. production related tax benefits. Assuming these tax benefits are treated as a special deduction, the net impact of these changes is estimated to be neutral to the Company through 2007 with a potential negative impact of one percentage point to its ETR in years after 2007.

The Company is assessing the new tax rules relating to the repatriation of offshore earnings from its foreign subsidiaries and it will take appropriate measures in 2005. It is too early to reasonably predict what steps the Company will take in this regard and the corresponding impact to the Company's financial statements in 2005.

The Company's share of equity earnings from affiliates was \$6.1 million for the third quarter of 2004 compared with \$14.5 million for the same period in 2003. Higher equity earnings from the Company's Asia joint ventures, N.E. Chemcat and Heesung, were due to stronger results from mobile-source environmental markets. These earnings were more than offset by current absence of \$10.2 million of equity earnings recognized in 2003 associated with the liquidation of the Engelhard-CLAL joint venture.

Net sales increased 9% to \$1,002.0 million in the third quarter of 2004 from \$915.4 million for the same period in 2003. Sales increases were reported in all segments. Higher prices and volumes of platinum-group-metal sales from the Materials Services segment were the largest contributors to the increase. Sales from the Materials Services segment include significant precious metal values, which are also included in cost of goods sold. As a result, gross margins on these sales tend to be low in relation to the gross margins generated by sales from the Company's technology segments.

### Environmental Technologies

Operating earnings increased 6% to \$33.0 million in the third quarter of 2004 from \$31.0 million in the same period of 2003. Net sales for the third quarter of 2004 increased 7% to \$217.3 million from \$202.2 million in the same period of 2003.

The majority of this segment's sales are derived from technologies to control pollution from mobile sources, including gasoline- and diesel-powered passenger cars, sport-utility vehicles, trucks, buses, motorcycles and off-road vehicles. This segment's customers are generally driven by increasingly stringent environmental regulations. The remainder of this segment's sales are derived from products sold into a variety of industrial markets including aerospace, power generation, process industries, and utility engine manufacturers.

Sales to mobile-source environmental markets increased \$17.2 million in the third quarter of 2004 compared with the same period a year ago. Higher pass-through substrate costs and foreign currency exchange rate differences accounted for 90% of the increase in sales. Market acceptance of catalytic solutions to meet environmental regulations is key to the Company achieving its growth objectives. The mobile-source diesel market is expected to be this segment's primary growth area.

Operating earnings from mobile-source environmental markets was up 11% in the third quarter of 2004 versus the same quarter in 2003. The Company serves a wide base of customers within these markets. As changes in the mix of customers and their vehicles occur, operating earnings may be affected. For example, the composition of the catalytic solutions required will vary depending on vehicle and engine size. Profitability will be impacted by the mix of vehicle platforms as well as by the ultimate sales of particular vehicles for which the Company provides catalyst. In the mix for the current quarter, profitability from the mobile-source diesel markets increased while other mobile-source markets were flat versus the prior year. Additionally, operating earnings from mobile-source environmental markets were favorably impacted by the reversal of a \$1.5 million warranty accrual due to favorable experience, and a \$0.7 million impact from favorable exchange rates, partially offset by higher information technology costs of approximately \$1 million. Increasingly stringent environmental regulations are expected to positively impact mobile-source markets commencing in 2006. Until then, the segment will be negatively impacted by the ability of auto manufacturers to reduce the amount of catalyst employed on certain platforms and still comply with current environmental regulations, as well as the mix of vehicles produced.

Sales derived from products sold to industrial markets decreased \$2.1 million in the third quarter of 2004 compared with the same period last year, as decreases in sales to the power-generation market of approximately \$5 million were partially offset by increased sales to other served markets. The Company anticipated a decline in demand for products sold to the power-generation markets and reduced costs accordingly. Despite these cost-cutting measures, operating

earnings on sales to the power-generation market declined \$1.4 million. The Company has maintained the technical ability and capacity to serve this market when demand returns and will continue to manage costs accordingly. Earnings from other served markets were down modestly compared to the prior period. While cash flows from other served markets remain sufficient to support the existing assets, certain operations within these businesses are being evaluated from a strategic standpoint. At or before the completion of this evaluation, it is possible that some assets may be deemed impaired. Long-lived assets associated with these operations are approximately \$10 million.



### Process Technologies

Operating earnings decreased 16% to \$20.7 million in the third quarter of 2004 from \$24.6 million in the same period of 2003. Net sales for the third quarter of 2004 increased 3% to \$147.8 million from \$143.6 million in the same period of 2003.

Sales of catalyst and additives to the petroleum-refining market increased \$2.0 million in the third quarter of 2004 compared with the third quarter of 2003. Demand for the Company's Distributed Matrix Structure (DMS) technology platform remains strong, but was tempered in the current quarter by disruptions associated with a particularly harsh hurricane season in the Gulf of Mexico, which impacted operating facilities of the Company, its suppliers and customers. These disruptions continued into October. Previously disclosed productivity initiatives focused on debottlenecking and converting capacity for displaced product offerings to DMS technology production continue and are expected to favorably impact 2005 results. The Company commenced these productivity initiatives late in the second quarter of 2004 to cost effectively meet the increased demand for the Company's DMS technology. Operating earnings generated from sales of catalyst and additives to the petroleum refining market rose modestly as increased profits from greater sales overcame higher manufacturing costs associated with increased demand, decreased earnings associated with disruptions caused by hurricanes exceeding \$1.0 million, and higher natural gas costs of \$0.8 million.

Sales of catalyst to the chemical-process markets increased \$2.2 million in the third quarter of 2004 compared with the same period in 2003. This increase was due to increased sales of *Lynx* catalyst, the approximately \$1.0 million impact of a stronger euro compared to the dollar, and higher precious metal value included in sales of \$1.2 million, partially offset by decreased selling prices of older product offerings to the polyolefins market of \$2.0 million. Sales to certain chemical catalyst markets tend to be large and infrequent relative to the overall operations, and, therefore the timing and the mix of sales can cause fluctuations in revenues and operating earnings from period to period. Operating earnings in the quarter were lower versus the same period last year primarily due to the aforementioned decrease in prices of older product offerings to the polyolefins market; an unfavorable mix of sales to certain markets; higher costs for nickel of \$1.5 million; and higher information technology expenses of approximately \$1.0 million, partially offset by a favorable foreign exchange impact and increased *Lynx* profits. There are indications that the chemical-process markets are improving. So far, however, this has not translated into significantly increased orders for catalyst.

### Appearance and Performance Technologies

Operating earnings increased 7% to \$19.3 million in the third quarter of 2004 from \$18.0 million in the same period of 2003. Net sales increased 4% to \$172.2 million for the third quarter of 2004 from \$166.1 million in the same period of 2003.

Sales of products from the Company's mineral-based operations increased less than 1% in the third quarter of 2004 compared with the same period of 2003, as increased sales of kaolin-based products to specialty markets and other mineral-based products were offset by lower volumes of kaolin-based products to the paper market. Operating earnings from the mineral operations were down \$0.3 million in the current quarter compared with the year-ago period, as higher natural gas costs of \$1.2 million were partially offset by the improved sales mix of kaolin-based products mentioned above. The segment continues to suffer from decreased sales volumes and mix to the paper market, primarily as a result of competitive pricing pressure. While the kaolin operations remain profitable and generate significant cash flow, the Company continues to evaluate expected cash flows from its kaolin operations in respect of the carrying value of its long-lived assets.

Sales of effect pigments and colorants to the cosmetics/personal care, coatings and other markets increased 7% in the third quarter of 2004 versus the same period in 2003. Sales increases to the cosmetic/personal care market were partially offset by lower sales of colorants to the coatings market due to an unusually large inventory replenishment by

a major customer in the prior period. On July 30, 2004, the Company strengthened its position in the cosmetic/personal care market by acquiring The Collaborative Group, Ltd., including its wholly owned subsidiary Collaborative Laboratories, Inc. This acquisition increased sales in the quarter by \$4.5 million and was mildly accretive. Operating earnings in the quarter were up \$1.5 million as the increased sales to the cosmetic/personal care market and the benefits of productivity initiatives offset modest declines in other markets and increased information technology costs.

### Materials Services

Operating earnings increased to \$6.4 million in the third quarter of 2004 from \$1.3 million in the same period of 2003. Net sales increased 17% to \$449.2 million in the third quarter of 2004 from \$385.3 million in the same period of 2003.

The increase in sales is primarily due to increased volumes and market prices of platinum group metals. Earnings increased due to higher profits from metal-sourcing operations and improved profitability from refining operations, partially offset by higher operating costs of \$2.7 million. This segment's operating earnings are expected to return to less than \$3 million per quarter for the foreseeable future.

### **Comparison of the First Nine Months of 2004 with the First Nine Months of 2003**

Net earnings increased to \$177.4 million in the first nine months of 2004 compared with \$170.5 million in the same period of 2003. Operating earnings for the first nine months of 2004 increased to \$211.2 million from \$210.0 million in the same period of 2003. Higher operating earnings were achieved in the Environmental Technologies segment, Appearance and Performance Technologies segment, and the Materials Services segment, offset by lower operating earnings in the Process Technologies segment and the All Other category. Operating earnings for the first nine months of 2003 included a charge of \$7.8 million (\$4.8 million after tax) for the fair value of the remaining lease costs of certain mineral-storage facilities the Company ceased to use, restructuring charges totaling \$8.7 million (\$5.6 million after tax), and a royalty settlement gain of \$28.4 million (\$17.6 million after tax). In the first nine months of 2003, the Company recorded an after-tax transition charge of \$2.3 million as a cumulative effect of an accounting change associated with the adoption of SFAS No. 143, Accounting for Asset Retirement Obligations.

The Company's share of equity earnings from affiliates was \$19.4 million for the first nine months of 2004 compared with \$27.7 million for the same period in 2003. Higher equity earnings from N.E. Chemcat were due to stronger results in the current period from mobile-source environmental markets, absence of environmental remediation costs in 2003 and a loss on the sale of investment securities in 2003. These items were offset by decreased earnings resulting from the liquidation of the Engelhard-CLAL joint venture and modestly lower Heesung results due to higher operating costs.

Net sales increased 18% to \$3,149.8 million in the first nine months of 2004 from \$2,675.2 million for the same period in 2003. Sales increases were reported in all segments. Higher prices and volumes of platinum-group-metal sales from the Materials Services segment were the largest contributors to the increase.

### Environmental Technologies

Operating earnings increased 18% to \$102.7 million in the first nine months of 2004 compared with the same period in 2003. The year-ago period included a \$5.3 million charge related to productivity initiatives. Sales for the first nine months of 2004 increased 9% to \$680.0 million compared with the same period in 2003.

Sales to mobile-source environmental markets increased approximately \$60 million for the first nine months of 2004 compared with the same period last year. Higher pass-through substrate and other costs and foreign currency exchange rate differences accounted for approximately 90% of the increase. Operating earnings from these markets improved 13% for the first nine months of this year compared with the same period of last year. This improvement is primarily due to absence of the charges related to productivity initiatives mentioned previously, the favorable impact of a change in the mix of products sold, a \$1.7 million favorable impact from exchange rate differences, and the \$1.5 million warranty accrual reversal in the third quarter, partially offset by higher information technology costs.

Sales derived from products sold to industrial markets decreased \$5 million in the first nine months of 2004 compared with the first nine months of last year, as decreases in sales to the power-generation market more than offset sales increases to other served markets. Operating earnings from these markets improved due to an increase in gross profit from higher revenues in certain markets, absence of a provision for bad debts in the prior-year period of \$1.2 million, and absence of a provision for obsolete inventory of \$2.2 million.

### Process Technologies

Operating earnings decreased 4% to \$60.1 million in the first nine months of 2004 compared with the same period in 2003. The year-ago period included a \$2.6 million charge related to productivity initiatives. Sales increased 9% to \$439.2 million in the first nine months of 2004 compared with the same period in 2003.

Sales of catalyst and additives to the petroleum-refining market increased 18% in the first nine months of the year compared with the first nine months of 2003 due to continued success of the Company's DMS technology platform. Operating earnings from sales of catalyst to the petroleum-refining market increased primarily due to the success of DMS technology, but were negatively impacted by approximately \$4 million in higher costs to meet increased demand, and disruptions associated with the hurricane season exceeding \$1 million. Sales and earnings of additives have grown substantially compared to 2003, but represent a small portion of sales and earnings.

Sales of catalyst to the chemical-process markets were up 3% for the first nine months of 2004 compared with the same period of last year. Operating earnings were lower due to the \$5.2 million impact of decreased prices of older product offerings to the polyolefins market; \$2.3 million of higher costs associated with the start-up of the *Lynx* capacity expansion in Tarragona, Spain; higher costs for nickel of \$4.0 million, and higher operating, pension and information technology expenses, partially offset by a favorable foreign exchange impact of approximately \$2 million, absence of the charge related to productivity initiatives in 2003 of \$2.6 million, and increased *Lynx* volumes.

### Appearance and Performance Technologies

Operating earnings increased 5% to \$58.1 million in the first nine months of 2004 compared with the first nine months of 2003. The year-ago period included a provision of \$7.8 million for the fair value of the remaining lease costs of certain mineral-storage facilities the Company ceased to use. Sales increased 5% to \$523.7 million in the first nine months of 2004 compared with the first nine months of 2003.

Sales of products from mineral-based operations decreased 1% in the first nine months of 2004 compared with the first nine months of 2003, as lower volumes of kaolin-based products to the paper market were partially offset by improved sales of kaolin-based products to specialty markets. Operating earnings in the mineral-based operations improved due to absence of the previously mentioned \$7.8 million charge concerning mineral-storage facilities partially offset by reduced profitability due to the decline in sales of kaolin-based products to the paper market and increased information technology costs of \$2.6 million.

Sales of effect pigments and colorants to the cosmetics/personal care, coatings and other markets increased 12% in the first nine months of 2004 compared with the first nine months of 2003 primarily due to higher volumes and the third-quarter acquisition. Operating earnings were up modestly, as profits from increased sales and the benefits of productivity initiatives were significantly offset by higher information technology and other costs of \$1.8 million and increased product development and commercialization costs.

### Materials Services

Operating earnings increased 43% to \$12.6 million in the first nine months of 2004 from \$8.8 million in the same period of 2003. Net sales increased 32% to \$1,465.5 million in the first nine months of 2004 from \$1,108.8 million in the same period of 2003.

The increase in sales is primarily due to increased volumes and market prices of platinum group metals. Operating earnings were up due to improved profitability from refining operations and higher profits from metal-sourcing operations, partially offset by absence of a \$9.3 million benefit from a contractual settlement in the prior period and increased operating costs of \$2.8 million in the current period. The segment is continuing to experience the change

that has been going on in material-sourcing markets, which involves different pricing formulas that have reduced current margins compared with historical margins. Volumes of recycled materials remain at recent low levels, reflecting the same order pattern experienced by our Process Technology segment's chemical catalyst business.

### **Liquidity and Capital Resources**

Working capital was \$598.6 million at September 30, 2004 compared with \$445.5 million at December 31, 2003. The current ratio was 1.7 at September 30, 2004 and 1.5 at December 31, 2003. The percentage of total debt to total capitalization was 27.8% at September 30, 2004 compared with 26.3% at December 31, 2003.

Operating activities provided net cash of \$170.2 million in the first nine months of 2004 compared with \$298.1 million in the first nine months of 2003. The variance in cash flows from operating activities is primarily due to changes in committed metal positions, hedged metal obligations and accounts payable of the Materials Services segment (see Note 13, Supplemental Information, for detail regarding Materials Services related cash flows). Materials Services routinely enters into a variety of arrangements for the sourcing of metals. Generally, transactions are hedged on a daily basis. Hedging is accomplished primarily through forward, future and option contracts. However, in closely monitored situations for which exposure levels have been set by senior management, the Company, from time to time, holds large unhedged industrial commodity positions that are subject to future market price fluctuations. (See Note 10, Committed Metal Positions and Hedged Metal Obligations .) These positions are included in committed metal positions along with hedged metal holdings. The bulk of hedged metal obligations represent spot short positions. These spot sales are fully hedged through forward purchases with investment grade counterparties. Unless a forward counterparty fails to perform, there is no price risk. (See Note 10, Committed Metal Positions and Hedged Metal Obligations for the quantities and prices involved.) In addition, the aggregate fair value of derivatives in a loss position is reported in hedged metal obligations (derivatives in a gain position are included in committed metal positions). Materials Services works to ensure that the Company and its customers have an uninterrupted source of metals, primarily platinum group metals, utilizing supply contracts and commodities markets around the world. Committed metal positions may include significant advances made for the purchase of precious metals delivered to the Company, but for which final purchase price has not yet been determined. As of September 30, 2004, all such contracts have been final priced and settled.

Net cash used in investing activities increased to \$141.0 million in the first nine months of 2004 compared with \$60.5 million in the first nine months of 2003. The increase in cash flows used in investing activities is primarily related to \$6.2 million in 2004 for the acquisition of an operation that expanded the capacity and global customer base of an existing product line and \$60.0 million for the acquisition of The Collaborative Group, Ltd., including its wholly owned subsidiary Collaborative Laboratories, Inc., higher capital spending in the first nine months of 2004 compared with the same period in the prior year and liquidating distributions received in 2003 related to unwinding the Company's Engelhard-CLAL joint venture.

Net cash used in financing activities in the first nine months of 2004 was \$71.3 million compared with \$213.7 million of net cash used in financing activities in the first nine months of 2003. The decrease in net cash used in financing activities was impacted by a \$55 million increase in net borrowings in 2004 compared to a \$115 million decrease in net borrowings in 2003, and a \$23 million increase in stock repurchase activity in 2004 compared with 2003. Dividends paid were \$3 million higher in 2004 compared with 2003, due to an increase in the quarterly per-share dividend of one cent.

In the first nine months of 2004, the Company increased its existing \$150 million shelf registration to \$450 million in order to increase the Company's ability to raise cash for general corporate purposes. In the first nine months of 2004, the Company issued in a private placement five-year term, 11 billion Japanese yen notes with a coupon rate of 1.1%. These notes are accounted for as an effective net investment hedge of a portion of the Company's yen-denominated investments. Also in the first nine months of 2004, the Company renewed its 364-day committed credit facility, extending the maturity to May 5, 2005 and increasing the amount available to \$450 million.

The Company has consistently derived considerable cash flow from operations, which has been used, along with both short- and long-term debt, to pay for capital expenditures, acquisitions, treasury stock purchases, dividends and other corporate requirements. The continuation of these levels of cash flow is expected, but is subject to risk factors disclosed in the Company's 2003 Form 10-K and in the Forward-Looking Statements section of this Form 10-Q. In addition, the Company has always maintained investment-grade credit ratings that it considers important for cost-effective and ready access to credit markets. Management fully expects to be able to obtain future funding from both short- and long-term debt for cash requirements in excess of those from operations. In the event that any of these sources prove to be below expectations, the Company has access to committed lines of credit



aggregating \$850 million, including the \$450 million credit facility mentioned above. The remaining \$400 million credit facility expires in May 2006.

### **Forward-Looking Statements**

This document contains forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. These statements relate to analyses and other information that are based on forecasts of future results and estimates of amounts not yet determinable. These statements also relate to the future prospects, developments and business strategies. These forward-looking statements are identified by their use of terms and phrases such as anticipate, believe, could, estimate, expect, intend, may, plan, predict, project, will and similar including references to assumptions. These forward-looking statements involve risks and uncertainties that may cause the Company's actual future activities and results of operations to be materially different from those suggested or described in this document.

Among the risks and uncertainties that could cause actual results to differ materially are the following:

- competitive pricing or product development activities that could affect the demand for our products, particularly competing catalyst and kaolin producers
  - the Company's ability to achieve and execute internal business plans
- worldwide political instability as the Company operates primarily in the United States, the European community, Asia, the Russian Federation, South Africa and South America
  - alliances and geographic expansions developing differently than anticipated
- fluctuations in the supply and prices of precious and base metals and fluctuations in the relationships between forward prices to spot prices
  - government legislation and/or regulation (particularly on environmental issues), including tax obligations
    - technology, manufacturing and legal issues
    - the impact of any economic downturns and inflation
  - interest rate risk, foreign currency exchange rate risk, commodity price risk and credit risk
- the impact of higher energy and raw material costs, and the availability of natural gas and rare earth elements
- the success of research and development activities and the speed with which regulatory authorizations and product launches may be achieved
  - the impact of increased employee benefit costs and/or the resultant impact on employee relations
- contingencies related to actual or alleged environmental contamination to which the Company may be a party
  - the impact of acquisitions, divestitures and restructurings

overall demand for the Company's products, including demand from the worldwide automotive and chemical-process markets

- product quality/performance issues

- exposure to product liability and other types of lawsuits
- the impact of physical inventory losses, particularly with regard to precious and base metals
- the loss of business from property and casualty exposure

Investors are cautioned not to place undue reliance upon these forward-looking statements, which speak only as of their dates. The Company disclaims any obligation to update or revise any forward-looking statements, whether as a result of new information, future events or otherwise.

**Item 3. Quantitative and Qualitative Disclosures about Market Risk**

**Market Risk Sensitive Transactions**

The Company is exposed to market risks arising from adverse changes in interest rates, foreign currency exchange rates and commodity prices. In the normal course of business, the Company uses a variety of techniques and instruments, including derivatives, as part of its overall risk-management strategy. The Company enters into derivative agreements with a diverse group of major financial and other institutions with individually determined credit limits to reduce exposure to the risk of nonperformance by counterparties.

A discussion and analysis of the Company's market risk is included in the Company's 2003 Form 10-K. There have been no significant changes to these market risks as of September 30, 2004.

**Item 4. Controls and Procedures**

The Company carried out an evaluation, under the supervision and with the participation of the Company's management, including the Company's Chief Executive Officer and Chief Financial Officer, as of September 30, 2004, of the effectiveness of the design and operation of the Company's disclosure controls and procedures pursuant to Exchange Act Rule 13a-15. Based upon that evaluation, the Chief Executive Officer and Chief Financial Officer concluded that the Company's disclosure controls and procedures as of September 30, 2004 were effective to provide reasonable assurance that material information related to the Company (including its consolidated subsidiaries) required to be included in the Company's periodic SEC filings would be communicated to them on a timely basis. There was no change in the Company's internal control over financial reporting during the Company's third fiscal quarter of 2004 that has materially affected, or is reasonably likely to materially affect, the Company's internal control over financial reporting.

The Company's management, including the Chief Executive Officer and Chief Financial Officer, do not expect that disclosure controls or our internal control over financial reporting will prevent all errors and all fraud. A control system, no matter how well conceived and operated, can provide only reasonable, not absolute, assurance that the objectives of the control system are met. Further, the design of a control system must reflect the fact that there are resource constraints, and the benefits of controls must be considered relative to their costs. Because of the inherent limitations in all control systems, no evaluation of controls can provide absolute assurance that all control issues and instances of fraud, if any, within the Company have been detected. These inherent limitations include the reality that judgments and estimates can be faulty and that breakdowns can occur because of simple error or mistake. Additionally, controls can be circumvented by the individual acts of some persons or by collusion of two or more people. The design of any system of controls also is based, in part, upon certain assumptions about the likelihood of future events, and there can be no assurance that any design will succeed in achieving its stated goals under all potential future conditions. Because of the inherent limitations in a cost-effective control system, misstatements due to error or fraud may occur and not be detected. Accordingly, the Company's disclosure controls and procedures are designed to provide reasonable, not absolute, assurance that the objectives of our disclosure control system are met and, as set forth above, the Company's Chief Executive Officer and Chief Financial Officer have concluded, based on their evaluation as of September 30, 2004, that our disclosure controls and procedures were effective to provide reasonable assurance that the objectives of our disclosure control system were met.



**PART II - OTHER INFORMATION****Item 2. Unregistered Sales of Equity Securities and Use of Proceeds**

(c) The Company has Board authorized programs for the repurchase of the Company's stock. The following table represents repurchases under these programs for each of the three months of the quarter ended September 30, 2004:

**ISSUER PURCHASES OF EQUITY SECURITIES:**

| <b>Period</b>    | <b>Total Number of Shares Purchased</b> | <b>Average Price Paid per Share</b> | <b>Total Number of Shares Purchased as Part of Publicly Announced Plans or Programs</b> | <b>Maximum Number of Shares that May Yet Be Purchased Under the Plans or Programs (a)</b> |
|------------------|---|-------------------------------------|---|---|
| 7/1/04 - 7/31/04 |   |                                     |   |   |
| (b)              | 129,500                                 | \$ 30.42                            | 129,500   | 4,968,332   |
| 8/1/04 - 8/31/04 | 1,783,100                               | 27.72                               | 1,783,100   | 3,185,232   |
| 9/1/04 - 9/30/04 | 111,200                                 | 27.36                               | 111,200   | 3,074,032   |
| Total            | 2,023,800                               | \$ 27.87                            | 2,023,800   |   |

(a) Share repurchase program of 6 million shares authorized in October 2003.

(b) Excludes 332 shares obtained by the Rabbi Trust under the Deferred Compensation Plan for Key Employees of Engelhard Corporation.

**Item 6. Exhibits and Reports on Form 8-K****Pages**

(a) (10) Material Contracts

(a) Amendment to Key Employees Stock Bonus Plan of Engelhard Corporation (The Key Employees Stock Bonus Plan of Engelhard

Corporation is incorporated by reference to Form 10-K filed with the Securities and Exchange Commission on March 25, 2003).

(31)(a) Rule 13a-14(a)/15d-14(a) Certification of Chief Executive Officer. 28

(31)(b) Rule 13a-14(a)/15d-14(a) Certification of Chief Financial Officer. 29

(32) Section 1350 Certifications of Chief Executive Officer and Chief Financial Officer. \* 30

(b) In a report on Form 8-K furnished to the Securities and Exchange Commission (SEC) on July 27, 2004, the Company reported that it furnished its earnings release with the SEC for the second quarter ended June 30, 2004.

In a report on Form 8-K furnished to the Securities and Exchange Commission (SEC) on July 30, 2004, the Company reported that it had completed its acquisition of The

Collaborative Group, Ltd.

\* This certification accompanies this Report pursuant to Section 906 of the Sarbanes-Oxley Act of 2002 and shall not be deemed filed by the Company for purposes of Section 18 or any other provision of the Securities Exchange Act of 1934, as amended.

**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 thereunto duly authorized.

ENGELHARD CORPORATION

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(  
Registrant)

Date: November 8, 2004  
/s/ Barry W. Perry

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Barry W. Perry

Chairman and Chief Executive Officer

Date: November 8, 2004

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/s/ Michael A. Sperduto

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Michael A. Sperduto  
Vice President and Chief Financial Officer

Date: November 8, 2004

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/s/ Alan J. Shaw

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Alan J. Shaw  
Controller



**AMENDMENT TO  
KEY EMPLOYEES STOCK BONUS PLAN OF  
ENGELHARD CORPORATION**

The Key Employees Stock Bonus Plan of Engelhard Corporation is amended, effective as of October 7, 2004, by adding a new paragraph 13 to the Plan to read as follows:

13. Key employees who are designated by the Committee as eligible to elect share withholding under this paragraph 13 of the Plan may elect to satisfy their federal, state and local income and employment tax withholding obligations arising from the vesting of the Common Stock subject to an award under the Plan by having the Company withhold a portion of the vesting Common Stock having a fair market value equal to the amount of such taxes. The key employee's election must be made on or before the date that the amount of tax to be withheld is determined. The amount of tax withholding to be satisfied by withholding shares of Common Stock shall be limited to the minimum amount of taxes required to be withheld under applicable federal, state and local law. The Company will not deliver any fractional share of Common Stock but will pay, in lieu thereof, the fair market value of such fractional share.

**Rule 13a-14(a)/15d-14(a)**  
**Certification of Chief Executive Officer**

I, Barry W. Perry, Chairman and Chief Executive Officer of Engelhard Corporation (the Company), certify that:

1. I have reviewed this quarterly report on Form 10-Q of the Company;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officer(s) and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) for the registrant and we have:
  - (a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
  - (b) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
  - (c) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer(s) and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and to the audit committee of registrant's board of directors (or persons performing the equivalent function):
  - (a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
  - (b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: November 8, 2004

/s/ Barry W. Perry

Barry W. Perry  
Chairman and Chief  
Executive Officer

**Rule 13a-14(a)/15d-14(a)**  
**Certification of Chief Financial Officer**

I, Michael A. Spurduto, Vice President and Chief Financial Officer of Engelhard Corporation (the Company), certify that:

1. I have reviewed this quarterly report on Form 10-Q of the Company;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officer(s) and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) for the registrant and we have:
  - (a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
  - (b) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
  - (c) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer(s) and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and to the audit committee of registrant's board of directors (or persons performing the equivalent function):
  - (a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
  - (b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: November 8, 2004

/s/ Michael A. Sperduto

Michael A. Sperduto  
Vice President and Chief  
Financial Officer

**Section 1350 Certifications of  
Chief Executive Officer and Chief Financial Officer**

The undersigned, Barry W. Perry, Chairman and Chief Executive Officer of Engelhard Corporation (the Company), and Michael A. Spurduto, Vice President and Chief Financial Officer of the Company, each hereby certifies that the Quarterly Report of the Company on Form 10-Q for the period ended September 30, 2004 (the Report) (1) fully complies with the requirements of Section 13(a) of the Securities Exchange Act of 1934 and (2) the information contained in the Report fairly presents, in all material respects, the financial condition and the results of operations of the Company.

Date: November 8, 2004

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/s/ Barry W. Perry

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Barry W. Perry  
Chairman and Chief  
Executive Officer

Date: November 8, 2004

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/s/ Michael A. Spurduto

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Michael A. Spurduto  
Vice President and Chief  
Financial Officer

This certification accompanies this Report pursuant to Section 906 of the Sarbanes-Oxley Act of 2002 and shall not be deemed filed by the Company for purposes of Section 18 or any other provision of the Securities Exchange Act of 1934, as amended.

A signed original of this written statement required by Section 906 or other document authenticating, acknowledging or otherwise adopting the signature that appears in typed form within the electronic version of this written statement required by Section 906, has been provided to the Company and will be retained by the Company and furnished to the Securities and Exchange Commission or its staff upon request.

