# Operational Summary 

for the First Half of the Fiscal Year Ending March 31, 2010

November 4, 2009
Mitsubishi Chemical Holdings Corporation

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## Notes:

FY2008: April 1, 2008 - March 31, 2009
FY2009: April 1, 2009 - March 31, 2010
1Q of FY2009: April 1, 2009 - June 30, 2009
2Q of FY2009: July 1, 2009 - September 30, 2009
3Q of FY2009: October 1, 2009 - December 31, 2009
4Q of FY2009: January 1, 2010 - March 31, 2010

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R\&D Expenses, and Number of Employees by Business Segments

## Consolidated Statements of Operations

 (1st Half of FY2009 Actual Results vs. 1st Half of FY2009 Forecasts)

## Consolidated Operating Income by Business Segments

(1st Half of FY2009 Actual Results vs. 1st Half of FY2009 Forecasts)

|  | 1st Half of <br> FY2009 <br> Actual | 1st Half of <br> FY2009 <br> Forecast | Change |
| :---: | ---: | ---: | ---: |
| Total | 2.1 | $(10.0)$ | 12.1 |
| Electronics Applications | 0.4 | $(1.0)$ | 1.4 |
| Designed Materials | 1.6 | 0.0 | 1.6 |
| Health Care | 32.1 | 26.0 | 6.1 |
| Chemicals | $(2.3)$ | $(9.0)$ | 6.7 |
| Polymers | $(25.9)$ | $(19.0)$ | $(6.9)$ |
| Others | 2.6 | 0.0 | 2.6 |
| Corporate | $(6.4)$ | $(7.0)$ | 0.6 |


| 1st Half of <br> FY2009 <br> Actual | 1st Half of <br> FY2009 <br> Forecast | Change |
| ---: | ---: | ---: |
| 12.7 | 13.0 | $(0.3)$ |
| 1.3 | 1.0 | 0.3 |
| 2.4 | 1.0 | 1.4 |
| 6.9 | 15.0 | $(8.1)$ |
| 0.6 | $(3.0)$ | 3.6 |
| 2.2 | 3.0 | $(0.8)$ |
| 2.3 | 0.0 | 2.3 |
| $(3.0)$ | $(4.0)$ | 1.0 |


|  | $\begin{aligned} & \text { ISt Hali or } \\ & \text { FY2009 } \\ & \text { Actual } \end{aligned}$ | $\begin{gathered} \text { Ist Hali or } \\ \text { FY2009 } \\ \text { Forecast } \end{gathered}$ | Change |
| :---: | :---: | :---: | :---: |
| Inventory valuation gain/loss | (18.3) | (22.0) | 3.7 |
| Chemicals (Petrochemicals business) | (3.2) | (4.0) | 0.8 |
| Chemicals (Carbon business) | 5.0 | 4.0 | 1.0 |
| Polymers | (20.1) | (22.0) | 1.9 |



## Consolidated Statements of Operations

| Exchange rate (¥/US\$) | 96 | 105 |  | 97 | 105 | (Billions of Yen) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Naphtha price (¥/KI) | 37,300 | 78,400 |  | 41,300 | 85,800 |  |
|  | 1st Half of FY2009 | 1st Half of FY2008 | Change | 1st Half of FY2009 | 1st Half of FY2008 | Change |
| Net sales | 1,145.8 | 1,587.7 | (441.9) | 596.1 | 824.0 | (227.9) |
| Operating income | 2.1 | 56.2 | (54.1) | 12.7 | 21.6 | (8.9) |
| Income (expenses) on financing activities <br> [Dividend income included in above] <br> Other non-operating income (expenses) <br> Equity in Earnings of non-consolidated subsidiaries and affiliates | $\begin{gathered} \hline(3.2) \\ {[2.2]} \\ (6.6) \\ 3.1 \end{gathered}$ | $\begin{array}{r} \hline(1.0) \\ {[3.8]} \\ 10.0 \\ 0.3 \end{array}$ | $\begin{array}{r} \hline(2.2) \\ {[(1.6)]} \\ (16.6) \\ 2.8 \end{array}$ | $\begin{gathered} \hline(2.1) \\ {[0.5]} \\ 0.0 \\ 2.0 \\ \hline \end{gathered}$ | $\begin{array}{c\|} \hline(1.4) \\ {[0.8]} \\ 6.8 \\ (0.5) \\ \hline \end{array}$ | $\begin{array}{r} \hline(0.7) \\ {[(0.3)]} \\ (6.8) \\ 2.5 \end{array}$ |
| Ordinary income | (4.6) | 65.5 | (70.1) | 12.6 | 26.5 | (13.9) |
| Extraordinary gain Extraordinary loss | $\begin{array}{r} 26.6 \\ (24.1) \end{array}$ | $\begin{gathered} 0.9 \\ (6.9) \end{gathered}$ | $\begin{gathered} 25.7 \\ (17.2) \\ \hline \end{gathered}$ | $\begin{array}{r} 23.7 \\ (19.6) \\ \hline \end{array}$ | $\begin{gathered} \hline 0.7 \\ (5.6) \\ \hline \end{gathered}$ | $\begin{array}{r} 23.0 \\ (14.0) \\ \hline \end{array}$ |
| Income before income taxes | (2.1) | 59.5 | (61.6) | 16.7 | 21.6 | (4.9) |
| Current and deferred income taxes <br> Minority interests in consolidated subsidiaries | $\begin{array}{c\|} \hline 4.8 \\ (5.3) \end{array}$ | $\begin{array}{r} \hline(26.7) \\ (9.3) \end{array}$ | $\begin{array}{r} \hline 31.5 \\ 4.0 \end{array}$ | $\begin{gathered} 2.7 \\ (5.2) \end{gathered}$ | $\begin{aligned} & (9.8) \\ & (1.4) \end{aligned}$ | $\begin{array}{c\|} \hline 12.5 \\ (3.8) \end{array}$ |
| Net income | (2.6) | 23.5 | (26.1) | 14.2 | 10.4 | 3.8 |

## Consolidated Net Sales by Business Segments

|  | 1st Half of <br> FY2009 | 1st Half of <br> FY2008 | Change |
| :---: | ---: | ---: | ---: |
| Total | $1,145.8$ | $1,587.7$ | $(441.9)$ |
| Electronics Applications | 140.3 | 183.4 | $(43.1)$ |
| Designed Materials | 119.3 | 147.1 | $(27.8)$ |
| Health Care | 249.6 | 246.5 | 3.1 |
| Chemicals | 371.8 | 617.2 | $(245.4)$ |
| Polymers | 194.3 | 313.8 | $(119.5)$ |
| Others | 70.5 | 79.7 | $(9.2)$ |


| 1st Half of <br> FY2009 | 1st Half of <br> FY2008 | Change |
| ---: | ---: | ---: |
| 596.1 | 824.0 | $(227.9)$ |
| 73.5 | 91.1 | $(17.6)$ |
| 61.9 | 77.4 | $(15.5)$ |
| 123.1 | 118.3 | 4.8 |
| 197.6 | 335.6 | $(138.0)$ |
| 102.2 | 158.6 | $(56.4)$ |
| 37.8 | 43.0 | $(5.2)$ |

## Consolidated Operating Income by Business Segments

|  | 1st Half of <br> FY2009 | 1st Half of <br> FY2008 | Change |
| :---: | ---: | ---: | ---: |
| Total | 2.1 | 56.2 | $(54.1)$ |
| Electronics Applications | 0.4 | 10.6 | $(10.2)$ |
| Designed Materials | 1.6 | 2.7 | $(1.1)$ |
| Health Care | 32.1 | 37.2 | $(5.1)$ |
| Chemicals | $(2.3)$ | 7.0 | $(9.3)$ |
| Polymers | $(25.9)$ | $(0.5)$ | $(25.4)$ |
| Others | 2.6 | 6.2 | $(3.6)$ |
| Corporate | $(6.4)$ | $(7.0)$ | 0.6 |


| 1st Half of <br> FY2009 | 1st Half of <br> FY2008 | Change |
| ---: | ---: | ---: |
| 12.7 | 21.6 | $(8.9)$ |
| 1.3 | 4.9 | $(3.6)$ |
| 2.4 | 1.9 | 0.5 |
| 6.9 | 10.6 | $(3.7)$ |
| 0.6 | 4.6 | $(4.0)$ |
| 2.2 | $(1.6)$ | 3.8 |
| 2.3 | 4.8 | $(2.5)$ |
| $(3.0)$ | $(3.6)$ | 0.6 |

## Consolidated Extraordinary Gain (Loss)

|  | (Billions of Yen) |  |  |
| :---: | :---: | :---: | :---: |
|  | 1st Half of FY2009 | 1st Half of FY2008 | Change |
| Total | 2.5 | (6.0) | 8.5 |
| Extraordinary gain | 26.6 | 0.9 | 25.7 |
| Gain on goodwill | 13.6 | - | 13.6 |
| Gain on share's portion change of an equity method affiliate | 6.6 | - | 6.6 |
| Gain on business transfer | 2.9 | - | 2.9 |
| Others | 3.5 | 0.9 | 2.6 |
| Extraordinary loss | (24.1) | (6.9) | (17.2) |
| Loss on allowance of the waste facility's settlement | (12.5) | - | (12.5) |
| Loss on impairment of fixed assets | (2.8) | (0.9) | (1.9) |
| Loss on sale of investment securities | (2.4) | - | (2.4) |
| Special severance payments for early retired employees | - | (3.9) | 3.9 |
| Others | (6.4) | (2.1) | (4.3) |

## Consolidated Balance Sheets

| Debitor | September 30, 2009 | March 31, 2009 | Change |
| :--- | ---: | ---: | ---: |
| Cash and deposits | 83.8 | 96.4 | $(12.6)$ |
| Inventories | 424.2 | 463.3 | $(39.1)$ |
| Trade receivables | 512.2 | 499.7 | 12.5 |
| Others | 199.5 | 265.3 | $(65.8)$ |
| Current assets | $1,219.7$ | $1,324.7$ | $(105.0)$ |
| Fixed assets | $1,029.3$ | 947.3 | 82.0 |
| Investment and others | 495.1 | 468.9 | 26.2 |
| Fixed assets | $1,524.4$ | $1,416.2$ | 108.2 |
| Total assets | $2,744.1$ | $2,740.9$ | 3.2 |


| Creditor | September 30, 2009 | March 31, 2009 | Change |
| :--- | ---: | ---: | ---: |
| Interest-bearing debts | $1,061.2$ | $1,033.2$ | 28.0 |
| Trade payables | 311.5 | 368.0 | $(56.5)$ |
| Others | 403.1 | 399.6 | 3.5 |
| Liabilities | $1,775.8$ | $1,800.8$ | $(25.0)$ |
| Shareholders' equity | 684.8 | 692.3 | $(7.5)$ |
| Valuation and others | $(21.8)$ | $(23.3)$ | 1.5 |
| Minorities interests | 305.3 | 271.1 | 34.2 |
| Net assets | 968.3 | 940.1 | 28.2 |
| Total liabilities and net assets | $2,744.1$ | $2,740.9$ | 3.2 |


|  | September 30, 2009 | March 31, 2009 | Change |
| :--- | ---: | ---: | ---: |
| Interest-bearing debts (incl. notes) | $1,061.3$ | $1,033.8$ | 27.5 |
| Debt-equity ratio | 1.6 | 1.6 | 0.0 |
| Net debt-equity ratio | 1.2 | 1.1 | 0.1 |


| Shareholders' equity (*1) | 663.0 | 669.0 | $(6.0)$ |
| :--- | ---: | ---: | ---: |
| Shareholders' equity ratio | $24.1 \%$ | $24.4 \%$ | $(0.3 \%)$ |

(*1) Net assets -minority interests-stock warrant

## Consolidated Cash Flow



## Consolidated Statements of Operations (FY2009 Forecasts)

| Exchange rate (¥/US\$) Naphtha price ( $¥ / \mathrm{KI}$ ) | 96 37,300 | 90 | $\begin{array}{r} 93 \\ \hline 40,200 \\ \hline \end{array}$ | $\begin{array}{r} 95 \\ \hline 36,000 \\ \hline \end{array}$ |  | $\begin{array}{r} 103 \\ \hline 58,800 \\ \hline \end{array}$ | (Billions of Yen) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |
|  | FY2009 Forecast |  |  | Previous Forecast <br> (May 12, 2009) | Change | FY2008 | Change |
|  | 1st Half | 2nd Half | Full Year |  |  | Acutual |  |
| Net sales | 1,145.8 | 1,344.2 | 2,490.0 | 2,500.0 | (10.0) | 2,909.0 | (419.0) |
| Operating income | 2.1 | 57.9 | 60.0 | 65.0 | (5.0) | 8.2 | 51.8 |
| Income (expenses) on financing activities <br> Other non-operating income (expenses) <br> Equity in Earnings of non-consolidated subsidiaries and affiliates | $\begin{array}{c\|} \hline(3.2) \\ (6.6) \\ 3.1 \\ \hline \end{array}$ | $(3.8)$ $(8.4)$ 0.9 | $\begin{array}{r}(7.0) \\ (15.0) \\ 4.0 \\ \hline\end{array}$ | $(10.0)$ <br> $(17.0)$ <br> 3.0 | 3.0 2.0 1.0 | (3.2) (1.8) (5.1) | $\begin{array}{r}(3.8) \\ \text { (13.2) } \\ 9.1 \\ \hline\end{array}$ |
| Ordinary income | (4.6) | 46.6 | 42.0 | 41.0 | 1.0 | (1.9) | 43.9 |
| Extraordinary gain Extraordinary loss | $\begin{gathered} 26.6 \\ (24.1) \end{gathered}$ | $\begin{array}{r} 3.4 \\ (16.9) \\ \hline \end{array}$ | $\begin{gathered} 30.0 \\ (41.0) \\ \hline \end{gathered}$ | $\begin{gathered} 4.0 \\ (18.0) \\ \hline \end{gathered}$ | $\begin{gathered} 26.0 \\ (23.0) \\ \hline \end{gathered}$ | $\begin{gathered} 14.8 \\ (56.9) \\ \hline \end{gathered}$ | $\begin{aligned} & 15.2 \\ & 15.9 \\ & \hline \end{aligned}$ |
| Income before income taxes | (2.1) | 33.1 | 31.0 | 27.0 | 4.0 | (44.0) | 75.0 |
| Current and deferred income taxes | 4.8 | (14.8) | (10.0) | (17.0) | 7.0 | (12.4) | 2.4 |
| Minority interests in consolidated subsidiaries | (5.3) | (15.7) | (21.0) | (19.0) | (2.0) | (10.8) | (10.2) |
| Net income | (2.6) | 2.6 | 0.0 | (9.0) | 9.0 | (67.2) | 67.2 |

## Consolidated Operating Income by Business Segments (FY2009 Forecasts)

|  | FY2009 Forecast |  |  |
| :---: | ---: | ---: | ---: |
|  | 1st Half | 2nd Half | Full Year |
| Total | 2.1 | 57.9 | 60.0 |
| Electronics Applications | 0.4 | 6.6 | 7.0 |
| Designed Materials | 1.6 | 9.4 | 11.0 |
| Health Care | 32.1 | 40.9 | 73.0 |
| Chemicals | $(2.3)$ | 2.3 | 0.0 |
| Polymers | $(25.9)$ | 4.9 | $(21.0)$ |
| Others | 2.6 | 0.4 | 3.0 |
| Corporate | $(6.4)$ | $(6.6)$ | $(13.0)$ |


| Previous Forecast <br> (May 12, 2009) | Change | FY2008 <br> Actual | Change |
| :---: | :---: | :---: | :---: |
| 65.0 | (5.0) | 8.2 | 51.8 |
| 10.0 | (3.0) | 4.8 | 2.2 |
| 7.0 | 4.0 | (2.1) | 13.1 |
| 72.0 | 1.0 | 79.3 | (6.3) |
| (2.0) | 2.0 | (55.5) | 55.5 |
| (9.0) | (12.0) | (13.0) | (8.0) |
| 1.0 | 2.0 | 8.8 | (5.8) |
| (14.0) | 1.0 | (14.1) | 1.1 |



## Consolidated Operating Income by Business Segments (1st Half vs. 2nd Half of FY2009 Forecasts)

|  | FY2009 Forecast | 1st Half | 2nd Half | Full Year |  | FY2009 Forecast | (Billions of Yen) |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  | 1st Half | 2nd Half | Full Year |
| Electronics <br> Applications | Revised | 0.4 | 6.6 | 7.0 | Polymers | Revised | (25.9) | 4.9 | (21.0) |
|  | Previous | (1.0) | 11.0 | 10.0 |  | Previous | (19.0) | 10.0 | (9.0) |
|  | Change | 1.4 | (4.4) | (3.0) |  | Change | (6.9) | (5.1) | (12.0) |
| Designed <br> Materials | Revised | 1.6 | 9.4 | 11.0 | Others | Revised | 2.6 | 0.4 | 3.0 |
|  | Previous | 0.0 | 7.0 | 7.0 |  | Previous | 0.0 | 1.0 | 1.0 |
|  | Change | 1.6 | 2.4 | 4.0 |  | Change | 2.6 | (0.6) | 2.0 |
| Health Care | Revised | 32.1 | 40.9 | 73.0 | Corporate | Revised | (6.4) | (6.6) | (13.0) |
|  | Previous | 26.0 | 46.0 | 72.0 |  | Previous | (7.0) | (7.0) | (14.0) |
|  | Change | 6.1 | (5.1) | 1.0 |  | Change | 0.6 | 0.4 | 1.0 |
| Chemicals | Revised | (2.3) | 2.3 | 0.0 | Total | Revised | 2.1 | 57.9 | 60.0 |
|  | Previous | (9.0) | 7.0 | (2.0) |  | Previous | (10.0) | 75.0 | 65.0 |
|  | Change | 6.7 | (4.7) | 2.0 |  | Change | 12.1 | (17.1) | (5.0) |

Consolidated Capital Expenditure, Depreciation \& Amortization, R\&D Expenses, and Number of Employees by Business Segments

|  |  | 1st Half of <br> FY2009 <br> Actual |
| :---: | :---: | :---: |
| Capital Expenditures (Billions of Yen) | Electronics Application | 13.8 |
|  | Designed Materials | 5.6 |
|  | Health Care | 7.4 |
|  | Chemicals | 19.1 |
|  | Polymers | 7.7 |
|  | Others | 2.5 |
|  | Corporate | 1.0 |
|  | Total | 57.1 |
| Depreciation (Billions of Yen) | Electronics Application | 10.8 |
|  | Designed Materials | 7.6 |
|  | Health Care | 9.5 |
|  | Chemicals | 16.4 |
|  | Polymers | 8.4 |
|  | Others | 1.9 |
|  | Corporate | 1.5 |
|  | Total | 56.1 |


|  |  | 1st Half of FY2009 Actual |
| :---: | :---: | :---: |
| R\&D <br> (Billions of Yen) | Electronics Application | 5.4 |
|  | Designed Materials | 3.0 |
|  | Health Care | 49.4 |
|  | Chemicals | 2.3 |
|  | Polymers | 4.0 |
|  | Others | 0.1 |
|  | Corporate | 5.6 |
|  | Total | 69.8 |
| Number of Employees (Unit: Person) | Electronics Application | 6,854 |
|  | Designed Materials | 8,270 |
|  | Health Care | 13,148 |
|  | Chemicals | 5,515 |
|  | Polymers | 4,194 |
|  | Others | 7,410 |
|  | Corporate | 923 |
|  | Total | 46,314 |

## Forward-looking Statements

The forward-looking statements are based largely on company expectations and information available as of the date hereof, and are subject to risks and uncertainties, which may be beyond company control. Actual results could differ materially due to numerous factors, including without limitation, market conditions and the effects of industry competition.

