## DATA BOOK 2010

July 30th, 2009
1st Quarter ended June 30, 2009


ARAKAWA CHEMICAL INDUSTRIES, LTD.

* Achievement transition(Consolidated)





| Consolidated | $\begin{gathered} \text { FY2008(1Q) } \\ \left(' 07 / 4-\mathbf{N}^{\prime} 07 / 6\right) \end{gathered}$ |  | $\begin{gathered} \text { FY2009(1Q) } \\ \left(' 08 / 4-{ }^{\prime} 08 / 6\right) \end{gathered}$ |  | $\begin{gathered} \text { FY2010(1Q) } \\ \left(' 09 / 4-\mathbf{'}^{\prime} 09 / 6\right) \end{gathered}$ |  | $\begin{gathered} \text { FY2008 } \\ \left(' 07 / 4-{ }^{\prime} 08 / 3\right) \end{gathered}$ |  | $\begin{gathered} \text { FY2009 } \\ \left(' 08 / 4-{ }^{\prime} 09 / 3\right) \end{gathered}$ |  | $\begin{aligned} & \text { FY2010 forecast } \\ & \text { ('09/4-'10/3) } \end{aligned}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{array}{\|c} \hline \begin{array}{c} \text { Millions of } \\ \text { Yen } \end{array} \\ \hline \end{array}$ | \%Change | $\begin{array}{\|c\|} \hline \text { Millions of } \\ \text { Yen } \\ \hline \end{array}$ | \%Change | $\begin{gathered} \hline \begin{array}{c} \text { Millions of } \\ \text { Yen } \end{array} \\ \hline \end{gathered}$ | \%Change | $\begin{gathered} \hline \begin{array}{c} \text { Millions of } \\ \text { Yen } \end{array} \\ \hline \end{gathered}$ | \%Change | $\begin{array}{\|c} \hline \begin{array}{c} \text { Millions of } \\ \text { Yen } \end{array} \\ \hline \end{array}$ | \%Change | $\begin{array}{\|c} \hline \begin{array}{c} \text { Millions of } \\ \text { Yen } \end{array} \\ \hline \end{array}$ | \%Change |
| Net sales | 15,720 | 5.7 | 16,828 | 7.0 | 12,953 | $\triangle 23.0$ | 66,171 | 7.3 | 59,959 | $\triangle 9.4$ | 56,000 | $\triangle 6.6$ |
| Operating income | 669 | $\triangle 11.6$ | 943 | 41.0 | 621 | $\triangle 34.2$ | 3,031 | 7.1 | 1,117 | $\triangle 63.1$ | 1,900 | 70.1 |
| Ordinary income | 837 | 0.1 | 999 | 19.4 | 737 | $\triangle 26.1$ | 3,222 | 10.8 | 1,291 | $\triangle 59.9$ | 2,100 | 62.6 |
| Net income | 443 | 1.3 | 528 | 19.2 | 409 | $\triangle 22.6$ | 1,775 | 8.4 | 657 | $\triangle 63.0$ | 1,050 | 59.8 |

* Management index(Consolidated)

| Consolidated | $\begin{gathered} \text { FY2008(1Q) } \\ \left(' 07 / 4-\mathbf{'}^{\prime} 07 / 6\right) \end{gathered}$ |  | $\begin{gathered} \text { FY2009(1Q) } \\ (' 08 / 4-\text { '08/6) } \end{gathered}$ |  | $\begin{gathered} \text { FY2010(1Q) } \\ \left(' 09 / 4-{ }^{\prime} 09 / 6\right) \end{gathered}$ |  | $\begin{gathered} \text { FY2008 } \\ (' 07 / 4-\text { '08/3) } \end{gathered}$ |  | $\begin{gathered} \text { FY2009 } \\ \left(' 08 / 4-{ }^{\prime} 09 / 3\right) \end{gathered}$ |  | FY2010 forecast('09/4-'10/3) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{array}{\|c\|} \hline \text { Millions of } \\ \text { Yen } \\ \hline \end{array}$ | \%Change | $\begin{array}{\|c\|} \hline \begin{array}{c} \text { Millions of } \\ \text { Yen } \end{array} \\ \hline \end{array}$ | \%Change | Millions of Yen | \%Change | $\begin{gathered} \text { Millions of } \\ \text { Yen } \end{gathered}$ | \%Change | Millions of Yen | \%Change | Millions of Yen | \%Change |
| Capital investment | 280 | 75 | 115 | $\triangle 164$ | 346 | 230 | 2,991 | 1,417 | 1,349 | $\triangle 1,642$ | 3,780 | 2,430 |
| Depreciation and amortization | 472 | 53 | 503 | 31 | 503 | $\triangle 0$ | 2,091 | 259 | 2,183 | 91 | 2,360 | 176 |
| $R$ \& D expenses | 584 | 17 | 624 | 39 | 647 | 22 | 2,495 | 174 | 2,637 | 141 | 3,110 | 472 |
| Interest-bearing debt | 8,964 | 2,427 | 7,958 | $\triangle 1,006$ | 9,598 | 1,639 | 8,275 | $\triangle 1,553$ | 10,147 | 1,872 | 9,560 | $\triangle 587$ |

[^0]
## * Segment information(Consolidated)





| Consolidated |  | $\begin{gathered} \hline \text { FY2008(1Q) } \\ \left(' 07 / 4-\mathbf{\prime}^{\prime} 07 / 6\right) \end{gathered}$ |  | $\begin{gathered} \hline \text { FY2009(1Q) } \\ (' 08 / 4-08 / 6) \end{gathered}$ |  | $\begin{gathered} \hline \text { FY2010(1Q) } \\ \left(' 09 / 4-\mathbf{'}^{\prime} 09 / 6\right) \end{gathered}$ |  | $\begin{gathered} \text { FY2008 } \\ \left(' 07 / 4-{ }^{\prime} 08 / 3\right) \end{gathered}$ |  | $\begin{gathered} \text { FY2009 } \\ \left(' 08 / 4-{ }^{\prime} 09 / 3\right) \end{gathered}$ |  | $\begin{aligned} & \text { FY2010 forecast } \\ & \text { ('09/4-'10/3) } \end{aligned}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | $\begin{array}{\|c\|} \hline \text { Millions of } \\ Y_{\text {en }} \\ \hline \end{array}$ | \%Change | $\begin{gathered} \hline \begin{array}{c} \text { Millions of } \\ \text { Yen } \end{array} \\ \hline \end{gathered}$ | \%Change | Millions of Yen | \%Change | Millions of Yen | \%Change | $\begin{array}{\|c\|} \hline \begin{array}{c} \text { Millions of } \\ \text { Yen } \\ \hline \end{array} \\ \hline \end{array}$ | \%Change | Millions of $\qquad$ Yen | \%Change |
| Paper chemicals | Net sales | 5,638 | 6.6 | 5,740 | 1.8 | 4,110 | $\triangle 28.4$ | 23,038 | 3.8 | 19,737 | $\triangle 14.3$ | 17,000 | $\triangle 13.9$ |
|  | Operating income | 319 | 17.3 | 233 | $\triangle 26.9$ | 217 | $\triangle 6.9$ | 1,283 | 13.1 | 396 | $\triangle 69.1$ | 650 | 64.0 |
|  | Operating income/sales | 5.7\% |  | 4.1\% |  | 5.3\% |  | 5.6\% |  | 2.0\% |  | 3.8\% |  |
| Speciality chemicals | Net sales | 9,955 | 5.7 | 10,947 | 10.0 | 8,731 | $\triangle 20.2$ | 42,420 | 10.0 | 39,550 | $\triangle 6.8$ | 38,500 | $\triangle 2.7$ |
|  | Operating income | 340 | $\triangle 27.7$ | 700 | 105.9 | 403 | $\triangle 42.4$ | 1,677 | 3.0 | 678 | $\triangle 59.6$ | 1,230 | 81.3 |
|  | Operating income/sales | 3.4\% |  | 6.4\% |  | 4.6\% |  | 4.0\% |  | 1.7\% |  | 3.2\% |  |
| Others | Net sales | 127 | $\triangle 22.3$ | 141 | 11.0 | 111 | $\triangle 20.7$ | 712 | $\triangle 21.8$ | 671 | $\triangle 5.7$ | 500 | $\triangle 25.6$ |
|  | Operating income | 9 | $\triangle 33.0$ | 9 | $\triangle 0.5$ | 0 | $\triangle 99.7$ | 69 | 2.8 | 42 | $\triangle 39.2$ | 20 | $\triangle 52.8$ |
|  | Operating income/sales | 7.4\% |  | 6.6\% |  | 0.0\% |  | 9.8\% |  | 6.3\% |  | 4.0\% |  |
| Consolidated total | Net sales | 15,720 | 5.7 | 16,828 | 7.0 | 12,953 | $\triangle 23.0$ | 66,171 | 7.3 | 59,959 | $\triangle 9.4$ | 56,000 | $\triangle 6.6$ |
|  | Operating income | 669 | $\triangle 11.6$ | 943 | 41.0 | 621 | $\triangle 34.2$ | 3,031 | 7.1 | 1,117 | $\triangle 63.1$ | 1,900 | 70.1 |
|  | Operating income/sales | 4.3\% |  | 5.6\% |  | 4.8\% |  | 4.6\% |  | 1.9\% |  | 3.4\% |  |

[^1]* Business segment information(consolidated)


| Consolidated | $\begin{gathered} \text { FY2008(1Q) } \\ (' 07 / 4-' 07 / 6) \\ \hline \end{gathered}$ |  | $\begin{gathered} \text { FY2009(1Q) } \\ \left(' 08 / 4-\mathbf{'}^{\prime} 08 / 6\right) \end{gathered}$ |  | $\begin{gathered} \text { FY2010(1Q) } \\ \left(' 09 / 4-{ }^{\prime} 09 / 6\right) \\ \hline \end{gathered}$ |  | $\begin{gathered} \text { FY2008 } \\ (' 07 / 4-\text { '08/3) } \end{gathered}$ |  | $\begin{gathered} \text { FY2009 } \\ \left(' 08 / 4-{ }^{\prime} 09 / 3\right) \end{gathered}$ |  | $\begin{aligned} & \text { FY2010 forecast } \\ & \text { ('09/4-'10/3) } \end{aligned}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Millions of Yen | \%Change | $\begin{array}{\|c\|} \hline \begin{array}{c} \text { Millions of } \\ \text { Yen } \end{array} \\ \hline \end{array}$ | \%Change | $\begin{array}{\|c\|} \hline \text { Millions of } \\ \text { Yen } \end{array}$ | \%Change | $\begin{array}{\|c\|} \hline \text { Millions of } \\ \text { Yen } \end{array}$ | \%Change | $\begin{array}{\|c\|} \hline \begin{array}{c} \text { Millions of } \\ \text { Yen } \end{array} \\ \hline \end{array}$ | \%Change | $\begin{array}{\|c\|} \hline \begin{array}{c} \text { Millions of } \\ \text { Yen } \end{array} \\ \hline \end{array}$ | \%Change |
| Paper chemicals business | 5,638 | 6.6 | 5,740 | 1.8 | 4,110 | $\triangle 28.4$ | 23,038 | 3.8 | 19,737 | $\triangle 14.3$ | 17,000 | $\triangle 13.9$ |
| Speciality chemicals business | 7,133 | 5.2 | 7,593 | 6.4 | 5,999 | $\triangle 21.0$ | 30,470 | 9.6 | 28,464 | $\triangle 6.6$ | 26,500 | $\triangle 6.9$ |
| Total Basis business | 12,772 | 5.8 | 13,334 | 4.4 | 10,109 | $\triangle 24.2$ | 53,509 | 7.0 | 48,202 | $\triangle 9.9$ | 43,500 | $\triangle 9.8$ |
| Share | 81. |  | 79.2 |  | 78.0 |  | 80. |  | 80. |  | 77.7 |  |
| Photo-Electronic materials business | 2,079 | 10.0 | 2,377 | 14.3 | 2,087 | $\triangle 12.2$ | 8,585 | 10.5 | 8,281 | $\triangle 3.5$ | 9,100 | 9.9 |
| Functional materials business | 794 | $\triangle 6.5$ | 1,036 | 30.4 | 674 | $\triangle 34.9$ | 3,777 | 4.8 | 3,167 | $\triangle 16.1$ | 3,100 | $\triangle 2.1$ |
| Total Expansion business | 2,874 | 4.8 | 3,414 | 18.8 | 2,762 | $\triangle 19.1$ | 12,362 | 8.7 | 11,448 | $\triangle 7.4$ | 12,200 | 6.6 |
| Share | 18. |  | 20. |  | 21. |  | 18. |  | 19. |  | 21.8 | 8\% |
| Others | 74 | 25.6 | 80 | 8.2 | 82 | 2.3 | 299 | 2.0 | 308 | 3.0 | 300 | $\triangle 2.9$ |
| Total | 15,720 | 5.7 | 16,828 | 7.0 | 12,953 | $\triangle 23.0$ | 66,171 | 7.3 | 59,959 | $\triangle 9.4$ | 56,000 | $\triangle 6.6$ |

* The Quarter Performances of past years in this appendix are for reference purpose only, due to the New Accounting Principles which came into effect in FY2008.
* Paper chemicals business …. Size agent, Paper strengthening agent, Ratex, etc.
* Speciality chemicals business. . ....Printing ink resin, Paint resin, Adhesive resin, Polymerization emulsifier, Colorless rosin derivatives, etc.
* Photo-Electronic materials business.....UV/EB curable resin, Compound materials for electronics, Organic/inorganic hybrid resin, etc.
* Functional materials business.... Flux cleaning solvent, Flux cleaning system, Functional fine chemical materials, Solder paste, etc.
* Others $\cdot$.....Real estate agent, Insurance business, etc.
* Overseas sales(Consolidated)


| Consolidated | $\begin{gathered} \text { FY2008(1Q) } \\ \left(' 07 / 4-{ }^{\prime} 07 / 6\right) \end{gathered}$ |  | $\begin{gathered} \text { FY2009(1Q) } \\ (' 08 / 4-08 / 6) \end{gathered}$ |  | $\begin{gathered} \text { FY2010(1Q) } \\ \left(' 09 / 4-{ }^{\prime} 09 / 6\right) \end{gathered}$ |  | $\begin{gathered} \text { FY2008 } \\ \left(' 07 / 4-{ }^{\prime} 08 / 3\right) \end{gathered}$ |  | $\begin{gathered} \text { FY2009 } \\ (' 08 / 4-\text { '09/3) } \end{gathered}$ |  | $\begin{aligned} & \text { FY2010 forecast } \\ & \text { ('09/4-'10/3) } \end{aligned}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{array}{\|c} \hline \begin{array}{c} \text { Millions of } \\ \text { Yen } \end{array} \\ \hline \end{array}$ | \%Change | Millions of Yen | \%Change | Millions of Yen | \%Change | Millions of Yen | \%Change | Millions of Yen | \%Change | Millions of Yen | \%Change |
| Overseas sales | 2,806 | 9.2 | 2,870 | 2.3 | 2,138 | $\triangle 25.5$ | 12,470 | 11.8 | 10,436 | $\triangle 16.3$ | 10,500 | 0.6 |
| Overseas sales in Asia | 2,396 | 11.3 | 2,418 | 0.9 | 1,892 | $\triangle 21.8$ | 10,939 | 13.6 | 8,999 | $\triangle 17.7$ | 9,200 | 2.2 |
| Overseas sales ratio | 17.8\% |  | 17.1\% |  | 16.5\% |  | 18.8\% |  | 17.4\% |  | 18.8\% |  |

* The Quarter Performances of past years in this appendix are for reference purpose only, due to the New Accounting Principles which came into effect in FY2008.


## Balance sheets(Consolidated)


(Unit:Millions of yen)

| Item | FY2009(1Q) <br> (As of June 30, 2008) |  | FY2010(1Q) <br> (As of June 30, 2009) |  | FY2009 <br> (As of March 31, 2009) |  | Increase /Decrease$(\mathrm{A})-(\mathrm{B})$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Amount | Composition ratio | Amount(A) | Composition ratio | Amount(B) | $\begin{array}{\|c\|} \hline \text { Com- } \\ \text { position } \\ \text { ratio } \end{array}$ |  |
| (Liabilities) |  | \% |  | \% |  | \% |  |
| I Current liabilities |  |  |  |  |  |  |  |
| 1. Notes and accounts payable-trade | 12,003 |  | 7,478 |  | 7,964 |  | $\triangle 486$ |
| 2. Short-term loans payable | 7, 380 |  | 7,446 |  | 7,658 |  | $\triangle \quad 211$ |
| 3. Income taxes payable | 294 |  | 175 |  | 75 |  | 100 |
| 4. Accrued consumption taxes | 116 |  | 147 |  | 44 |  | 103 |
| 5. Provision for bonuses | - |  | 473 |  | - |  | 473 |
| 6. Provision for directors' bonuses | 9 |  | 8 |  | 25 |  | $\triangle \quad 17$ |
| 7. Notes payable-facilities | 92 |  | 87 |  | 83 |  | 4 |
| 8. Other | 3,201 |  | 2,200 |  | 2,687 |  | $\triangle 486$ |
| Total Current liabilities | 23, 098 | 36.5 | 18, 018 | 30.7 | 18,539 | 31.7 | $\triangle \quad 520$ |
| II Noncurrent liabilities |  |  |  |  |  |  |  |
| 1. Long-term loans payable | 577 |  | 2,151 |  | 2, 489 |  | $\triangle 337$ |
| 2. Deferred tax liabilities | 372 |  | 60 |  | - |  | 60 |
| 3. Provision for retirement benefits | 2, 015 |  | 2, 053 |  | 2, 039 |  | 13 |
| 4. Other | 267 |  | 198 |  | 226 |  | $\triangle \quad 27$ |
| Total Noncurrent liabilities | 3,233 | 5.1 | 4,464 | 7. 6 | 4,755 | 8.1 | $\triangle \quad 291$ |
| Total Liabilities | 26,332 | 41.6 | 22,482 | 38.3 | 23, 294 | 39.8 | $\triangle 811$ |
| (Net assets) |  |  |  |  |  |  |  |
| I Shareholders' equity |  |  |  |  |  |  |  |
| 1. Capital stock | 3,128 |  | 3,128 |  | 3,128 |  | - |
| 2. Capital surplus | 3,350 |  | 3, 350 |  | 3, 350 |  | - |
| 3. Retained earnings | 28,245 |  | 28,329 |  | 28,121 |  | 208 |
| 4. Treasury stock | $\triangle \quad 10$ |  | $\triangle \quad 10$ |  | $\triangle \quad 10$ |  | $\triangle \quad 0$ |
| Total Shareholders' equity | 34,712 | 54.8 | 34,797 | 59.2 | 34,589 | 59.1 | 208 |
| II Valuation and translation adjustments |  |  |  |  |  |  |  |
| 1. Valuation difference on available-for-sale securities | 1,086 |  | 515 |  | 72 |  | 443 |
| 2. Foreign currency translation adjustment | $\triangle \quad 86$ |  | $\triangle \quad 233$ |  | $\triangle \quad 513$ |  | 280 |
| Total Valuation and translation adjustments | 1,000 | 1.6 | 282 | 0.5 | $\triangle \quad 440$ | $\triangle 0.8$ | 723 |
| III Minority interests | 1,277 | 2.0 | 1,173 | 2. 0 | 1, 088 | 1.9 | 84 |
| Total Net assets | 36,991 | 58.4 | 36, 253 | 61.7 | 35, 237 | 60.2 | 1, 016 |
| Total Liabilities and net assets | 63,323 | 100.0 | 58,736 | 100.0 | 58,531 | 100.0 | 204 |

## Statements of income(Consolidated)

(Unit: Millions of yen)


## Statements of cash flows (Consolidated)


[^0]:    * The Quarter Performances of past years in this appendix are for reference purpose only, due to the New Accounting Principles which came into effect in FY2008.

[^1]:    * The Quarter Performances of past years in this appendix are for reference purpose only, due to the New Accounting Principles which came into effect in FY2008.

