

**JVC Manufacturing (Thailand ) CO.,LTD**

JVC KENWOOD Group Site Report 2009  
 FY2009 :April 1, 2008 - March 31, 2009

|  |   |                                 |                      |   |
|--|---|---------------------------------|----------------------|---|
| Address  | 107 Moo. 18 Tambol Klong Nueng Amphur Klong Luang Pathumthani 12120 |                                 |                      |  |
| Lot area   | 82488m <sup>2</sup>   | Total floor area                | 24351m <sup>2</sup>  |   |
| Establishment day                                  | 1989/3  | Employees                       | 1080persons          |   |
| ISO14001 certification date                        | 2008/6  | ISO14001 renewed                | 2011/6               |   |
| Major Products                                     | Color Television , SKD , Professional                               |                                 |                      |   |
| Environmental Communication Information disclosure | FY2009 0items   |                                 |                      |   |
| visitors on factory tour                           | 402persons  | collaboration with municipality | 0items               |   |
| Contact  | ISO Section   | TEL:                            | (66) 0 2529 2105 - 9 |   |

**Message from Compliance Administrator**

JMT has been to stimulate participation in sustainable energy and environmental management to build environmental awareness for employees and to increase personnel efficiency in contorlling ,operation and managing appropriate industrial environmental pollution measures.



Compliance Administrators  
**Ms.Thanaporn Pimalai**

**Main activities in FY2009**

| Target   | Result  |
|--|---|
| Reduce garbage other factory outside less than 5% within year 2008 | - Reduction waste disposal more than Target = 66.9%<br>- Save cost Waste disposal = 8,700 B |
|  |   |
|  |   |

**Products of Environmentally-conscious information**



**HD Combo Deck**

- Blu-ray + HDD+SDHC "SR-HD 1500/1250"**
- Various formats support on the Blu-Red Disc (.mov ,.m2t ,MPEG-2 ,AVCHD etc.)
  - New Combo Deck : SD Card Slot With HDD and Blu-ray recorder
  - Support HDV/DV Camcorder (iLINK)
  - Support ".mov" fille format (SDHC Card) and support AVCHD-MPEG-2 Camorder
  - Simple burner ,Simple Editing for PC less users.



**New camera SC-01 Series**

- 550 TVL PIXSTAR
- Slow Shutter PIXSTAR
- Tree dimension DNR High
- WDR High
- Change at night of days PIXSTAR
- Motion detect PIXSTAR
- Privacy mask PIXSTAR



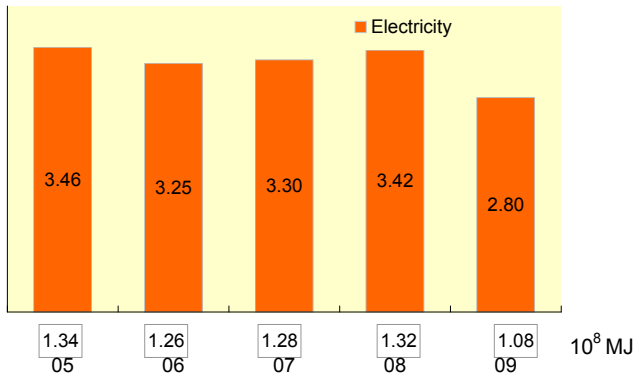
**LT-22EX19**

- W-XGA(1366X768) panel
- HDMI X 1 terminal
- Component X 1 terminal
- Head Phone terminal
- PC input terminal
- Tilt function

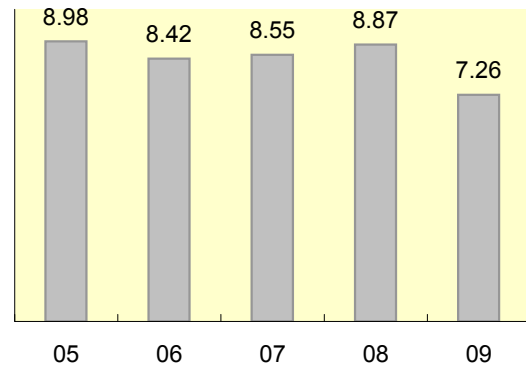
**Environmental performance data**

Year displayed in graph ex) 2009: April 1, 2008 - March 31,2009

**Energy** (crude oil Equivalent) Unit: 1000kl



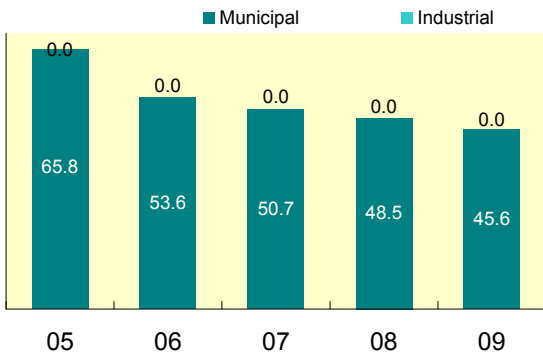
**CO2 Emission** Unit: 1000t-CO2



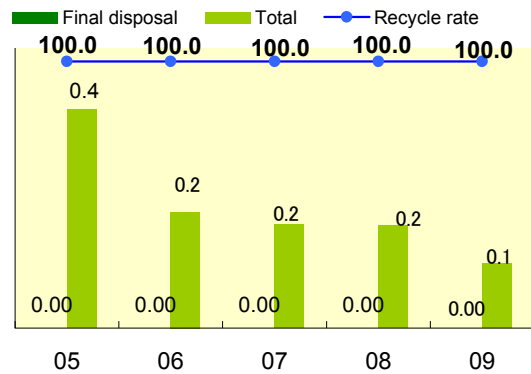
Calculation standards

Electricity CO2 emission coefficients 0.687

**Water** Unit: 1000m<sup>3</sup>



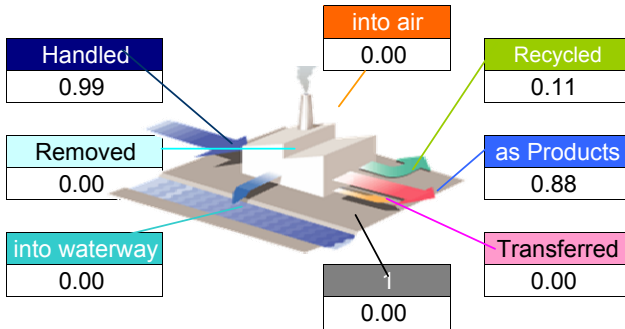
**Waste** Unit: 1000t, %



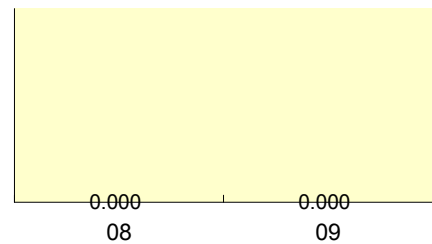
**Chemical substances**

Unit: t

Material balance of controlled substances



Key target reduction substances



About the above data

Key target reduction substances: They are chemical substances by Japanese law " PRTR,VOC,GHG".

**Compliance FY2009**

**<Air pollutant measurement results>**

|             | Unit               | Facility name | Legal limit | Voluntary limit | Average measured | Maximum measured | Measuring frequency |
|-------------|--------------------|---------------|-------------|-----------------|------------------|------------------|---------------------|
| SOx         | Nm <sup>3</sup> /h | N/A           |             |                 | 0.00             |                  |                     |
|             |                    |               |             |                 | 0.00             |                  |                     |
|             |                    |               |             |                 | 0.00             |                  |                     |
| NOx         | ppm                | N/A           |             |                 | 0.00             |                  |                     |
|             |                    |               |             |                 | 0.00             |                  |                     |
|             |                    |               |             |                 | 0.00             |                  |                     |
| Particulate | g/Nm <sup>3</sup>  | N/A           |             |                 | 0.00             |                  |                     |
|             |                    |               |             |                 | 0.00             |                  |                     |
|             |                    |               |             |                 | 0.00             |                  |                     |

**<Water pollutant measurement results>**

|            | Unit | Facility name | Legal limit | Voluntary limit | Average measured | Maximum measured | Measuring frequency |
|------------|------|---------------|-------------|-----------------|------------------|------------------|---------------------|
| COD        | mg/l | Gutter        | 120.00      |                 | 24.00            | 35.00            | 2 times / year      |
|            |      | Pond          | 600.00      |                 | 211.00           | 297.00           | 4 times / year      |
|            |      |               |             |                 | 0.00             |                  |                     |
| BOD        | mg/l | Gutter        | 20.00       |                 | 9.00             | 13.00            | 2 times / year      |
|            |      | Pond          | 450.00      |                 | 75.00            | 122.00           | 4 times / year      |
|            |      |               |             |                 | 0.00             |                  |                     |
| Nitrogen   | mg/l |               |             |                 | 0.00             |                  |                     |
|            |      |               |             |                 | 0.00             |                  |                     |
|            |      |               |             |                 | 0.00             |                  |                     |
| Phosphorus | mg/l |               |             |                 | 0.00             |                  |                     |
|            |      |               |             |                 | 0.00             |                  |                     |
|            |      |               |             |                 | 0.00             |                  |                     |

**<Noise and vibration>**

|           | Unit | Measurement Area | Legal limit | Voluntary limit | Average measured | Maximum measured | Measuring frequency |
|-----------|------|------------------|-------------|-----------------|------------------|------------------|---------------------|
| Noise     | dB   | DT TV            | 90.00       |                 | 80.00            | 81.00            | 1 times / year      |
|           |      | NT Professional  | 90.00       |                 | 76.00            | 76.00            | 1 times / year      |
| Vibration | dB   | DT               |             |                 | 0.00             |                  |                     |
|           |      | NT               |             |                 | 0.00             |                  |                     |

\*Legal limit: The strictest value out of those specified by laws, ordinances or agreements.

\*N/A(not applicable):The meaning when the facility is exempted from the regulation.

**About excess of legal limit value**

There is no item to report.

**Improvement of direction by government, or point outs by neighbor**

| Occurrence situation        | Countermeasure |
|-----------------------------|----------------|
| There is no item to report. |                |
|                             |                |
|                             |                |

**Environmental Policy**

The company intends to comply with the ISO14001 as follow.

1. Prevents and reduces pollution includes to continual improvement.
2. Conduct to Environmental law and the requirement that concern about company activitys.
3. Efficient resource use and energy saving.
4. Communicates to all employees.
5. Documented and avilable to public.

**Aiming to reduction of environmental impact**



JMT has been the Aim for corporate social responsibility by setting project recycle UHT boxes for a invention a table ,chair etc.

**Environmental Management system**

JMT has been specify the standards and methods of controlling the discharge of wastes ,pollutants or any anything that effects in the factory



**Environmental Communication**



**Knowledge Management**

ISO Section make the Project training skill up Auditor Team  
Course : Effective Internal Auditing of ISO9001 & ISO14001 and  
Course : Environmental spect/ impact assessment – Practice



**Checkup Annual**

JMT has been arrange healt check up for employees every year.



**The Assessment of good environmental governance**

JMT has been the surveillance audit by third party ,and Internal audit acitivities within JMT Quality Management System and Environmental Management System.

**Emergency preparedness and response**



**Fire drill**

Our Emergency activities are fully implement.  
 and Frie extinguisher practice every year.