

Consolidated Environmental Activities in Manufacturing

Isuzu has been promoting environmental preservation activities, together with 10* domestic and 6* overseas consolidated group companies.

Consolidated Environmental Activities by Domestic Consolidated Group Companies

The companies are striving to achieve the goals set for fiscal 2010 with focus on three key issues: global warming, waste reduction and environmental impact substance reduction.

Eight domestic group companies were forging ahead with consolidated environmental activities, but the number of companies was reduced to seven, as a result of the merger between Isuzu Castech Corporation and Automotive Foundry Co., Ltd. (to become I Metal Technology Co., Ltd.). Three new companies joined the group in fiscal 2007.

* Domestic consolidated group companies: I Metal Technology Co., Ltd.; TDF Corporation; J-Bus Ltd.; Jidosha Buhin Kogyo Co., Ltd.; Nippon Fruehauf Company, Ltd.; Shonan Unitec Ltd.; Isuzu Engine Manufacturing Hokkaido Corporation
Three new group companies: Isuzu Body Co., Ltd., I PACK CO., LTD., Isuzu Marine Engine Inc.

1. Change in the Amount of CO2 Emissions (Unit: 1,000 tons)

| FY | 2004 | 2005 | 2006 | Goal for 2007 | Goal for 2010 | |
|-----------------------------|--|------|------|---------------|---------------|-------|
| Isuzu, non-consolidated | 207 | 190 | 186 | 184 | 220 | |
| Nine consolidated companies | Emissions | 341 | 333 | 335 | (-) | (-) |
| | Emissions per unit (ton/100 million yen) | 40.3 | 36.3 | 34.4 | 39.0 | 37.3* |

* Goal: Reduction by 6% or more per unit from FY2004 level by FY2010

2. Change in the Amount of Landfill Waste (Unit: ton)

| FY | 2004 | 2005 | 2006 | Goal for 2007 | Goal for 2010 |
|--------------------------------------|-------|-------|-------|---------------|---------------|
| Isuzu, non-consolidated | 157 | 66 | 13 | 24 | 24 |
| Eight consolidated companies | 9,231 | 5,706 | 4,303 | 4,234 | 4,743 |
| Total of nine consolidated companies | 9,388 | 5,772 | 4,316 | 4,258 | 4,767* |

* Goal: Reduction by 50% or more from FY2004 level

3. Change in the Amount of PRTR Emissions (Unit: ton)

| FY | 2004 | 2005 | 2006 | Goal for 2007 | Goal for 2010 |
|--------------------------------------|------|------|------|---------------|---------------|
| Isuzu, non-consolidated | 113 | 142 | 139 | 135 | 100 |
| Eight consolidated companies | 250 | 277 | 260 | 260 | 245 |
| Total of nine consolidated companies | 363 | 419 | 399 | 395 | 345* |

* Goal: Reduction by 30% or more from FY2003 level

Isuzu Engine Manufacturing Hokkaido Corporation honored by the Minister of the Environment

The First National Convention for Three Rs Promotion held in the city of Nagoya in October 2006, sponsored by the Ministry of the Environment, Isuzu Engine Manufacturing Hokkaido Corporation received an award for its outstanding contribution to the building of a recycling-oriented society through its pioneering and creative approach. The company was highly commended for its original efforts to reduce industrial waste (grinding waste) generated by manufacturing operations.



Certificate of commendation

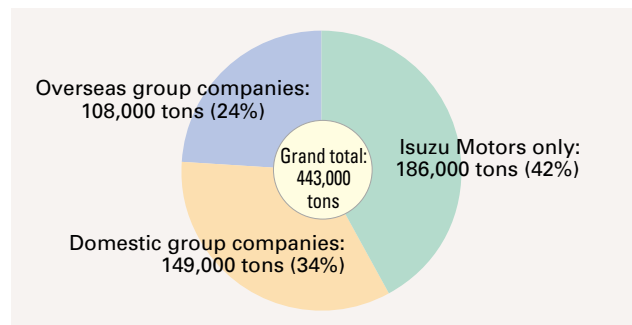
Consolidated Environmental Activities by Overseas Consolidated Group Companies

Overseas group companies, like domestic group companies, are positively addressing important issues such as the prevention of global warming and the reduction of waste and environmental impact substances. Their activities are specifically tailored to the needs of individual countries with different regulations and requirements. Efforts to prevent global warming and reduce CO2 emissions are key global concerns.

- Targets for CO2 reduction: 1% reduction per year per unit of production and 6% reduction in fiscal 2010 (from fiscal 2004 levels)

* Overseas consolidated group companies: Isuzu Motor Co., (Thailand) Ltd.; Isuzu Engine Manufacturing Co.,(Thailand) Ltd.; IT Forging (Thailand) Co., Ltd.; Thai International Die Making Co., Ltd.; Isuzu Motors Polska Sp.zo.o (Poland); DMAX, Ltd. (USA)

CO2 Emissions by Isuzu Group



Global Environmental Meeting



Members visiting a local plant

Site Data

Given below are the typical major emission indicators for air, water and PRTR at the Fujisawa and Tochigi Plants.

Fujisawa Plant Address: 8 Tsuchidana, Fujisawa-shi, Kanagawa, Japan

2006 PRTR emission report (Fujisawa Plant)

(Unit: kg)

| No. | Chemical substance | Amount handled | Amount of emission | | | | Total emissions | Amount transferred Total amount transferred |
|-----|------------------------------|----------------|--------------------|---------------------------|------------------|----------|-----------------|--|
| | | | Emission to air | Emission to public waters | Emission to soil | Landfill | | |
| 1 | Zinc water-soluble compounds | 1,200 | | 49 | | | 49 | 320 |
| 40 | Ethylbenzene | 61,000 | 24,000 | | | | 24,000 | 6 |
| 43 | Ethylene glycol | 1,200,000 | | | | | | 1,100 |
| 63 | Xylene | 114,000 | 74,000 | | | | 74,000 | 12 |
| 176 | Organic tin compound | 6,500 | | | | | | 260 |
| 224 | 1,3,5-trimethylbenzene | 4,700 | 3,600 | | | | 3,600 | 1 |
| 227 | Toluene | 38,000 | 11,000 | | | | 11,000 | |
| 299 | Benzene | 1,600 | 4 | | | | 4 | |
| 179 | Dioxin | | 37* | | | | 37* | 79* |

* mg-TEQ

Air quality

| Item | Facility | Regulated value | Actual measurement | |
|---------------------------|---------------------------|-----------------|--------------------|-----------------|
| | | | Maximum | Average |
| NOx (ppm) | Boiler | 60* | 18 | 15 |
| | Incinerator | 150 | 71 | 67 |
| | Metal melting furnace | 200 | 43 | 28 |
| | Heat-treating furnace | 200 | 180 | 139 |
| | Paint/drying furnace | 230 | 29 | 21 |
| Dust (g/Nm ³) | Boiler | 0.1 | 0.0047 | 0.003 |
| | Incinerator | 0.15 | 0.098 | 0.097 |
| | Metal melting furnace | 0.2 | 0.14 | 0.05 |
| | Heat-treating furnace | 0.2 | 0.011 | 0.008 |
| | Paint/drying furnace | 0.1 | Less than 0.002 | Less than 0.002 |
| SOx (Nm ³ /h) | (Total amount regulation) | 21.82 | 1.55 | 1.03 |

* The change in the regulated value of the boiler is due to the change in fuel type (from diesel oil to gas.)

Water quality

(Discharged to Hikichi River)

| Item | Regulated value | Actual measurement | | |
|------------------|-----------------|--------------------|-------------|---------|
| | | Maximum | Minimum | Average |
| pH | 5.8–8.6 | 7.9 | 7.3 | 7.7 |
| COD mg/l | 60 | 20 | 9.5 | 13.6 |
| BOD mg/l | 60 | 17 | 5.0 | 8.5 |
| SS mg/l | 90 | 5.8 | less than 5 | 5.1 |
| Oil content mg/l | 5 | 2.0 | 1.0 | 1.1 |

- No environmental accidents
- Environmental complaints: 1

Mowed grass scattered on the old test-driving course. (August 2006)

Action: The grass was removed and covered with a sheet to deal with the complaint. (September 2006)

Tochigi Plant Address: 2691 Oaza Hakuchu, Ohira-machi, Shimotsuga-gun, Tochigi, Japan

FY2006 PRTR emission report (Tochigi Plant)

(Unit: kg)

| No. | Chemical substance | Amount handled | Amount of emission | | | | Total emissions | Amount transferred Total amount transferred |
|-----|--------------------|----------------|--------------------|---------------------------|------------------|----------|-----------------|--|
| | | | Emission to air | Emission to public waters | Emission to soil | Landfill | | |
| 40 | Ethylbenzene | 10,000 | 10,000 | | | | 10,000 | |
| 43 | Ethylene glycol | 35,200 | 200 | | | | 200 | 35,000 |
| 44 | EG monoethyl ether | 1,300 | 1,300 | | | | 1,300 | |
| 63 | Xylene | 13,000 | 11,000 | | | | 11,000 | |
| 227 | Toluene | 6,000 | 3,900 | | | | 3,900 | |

Air quality

| Item | Facility | Regulated value | Actual measurement | |
|---------------------------|---------------------------|-----------------|--------------------|---------|
| | | | Maximum | Average |
| NOx (ppm) | Boiler | 250 or lower | 120 | 88 |
| | Metal heating furnace | 180 or lower | 130 | 67 |
| Dust (g/Nm ³) | Boiler | 0.3 or lower | 0.007 | 0.004 |
| | Metal heating furnace | 0.25 or lower | 0.003 | 0.002 |
| SOx (Nm ³ /h) | (Total amount regulation) | 17.5 | 1.84 | 0.28 |

- No environmental accidents
- No environmental complaints

Notes:

1) Period covered: FY2006, which runs from April 2006 to March 2007

2) The regulated values represent the strictest numeric values of those specified in environmental laws and regulations, ordinances and pollution prevention agreements.

3) Abbreviations: PRTR: Pollutant Release and Transfer Register Law/COD: Chemical Oxygen Demand/BOD: Biochemical Oxygen Demand/SS: Suspended Solids in water.

Water quality

(Discharged to Nagano River)

| Item | Regulated value | Actual measurement | | |
|------------------|-----------------|--------------------|---------|---------|
| | | Maximum | Minimum | Average |
| pH | 5.8–8.6 | 7.3 | 7.2 | 7.25 |
| COD mg/l | 20 | 19.1 | 6.2 | 12.7 |
| BOD mg/l | 20 | 17.9 | 6.2 | 12.1 |
| SS mg/l | 40 | 5.0 | 1.0 | 3.0 |
| Oil content mg/l | 5 | 0.5> | 0.5> | 0.5> |