

KUBOTA Group Production Sites Data (results from January to December 2016)

Data on KUBOTA production sites in Japan

| Business site | | Hanshin Plant (Mukogawa,Marushima) | Hanshin Plant (Amagasaki) | Keiyo Plant (Funabashi, Distribution Center) | Ichikawa Plant | Hirakata Plant | Okajima Business Center | Sakai Plant | Sakai Rinkai Plant | Utsunomiya Plant | | | | | | | | | | | | | |
|--------------------------|--|--|--|---|------------------------|------------------|-------------------------|------------------------|------------------------|------------------|------------------------|--|---------------|------------------------|------------------|---------------|-----------------------|------------------------|---------------|-------------|--|---------------|-------------|
| INPUT | | | | | | | | | | | | | | | | | | | | | | | |
| Energy | Fossil fuel | Crude oil equivalent kL | 17,057 | 661,120 | 5,484 | 212,541 | 22,265 | 862,982 | 100 | 3,880 | 4,735 | 183,529 | 5,094 | 197,436 | 3,029 | 117,411 | 3,094 | 119,930 | 938 | 36,359 | | | |
| | Purchased electricity | MWh | 44,988 | 439,619 | 30,430 | 293,901 | 46,977 | 453,991 | 5,396 | 52,237 | 35,343 | 345,733 | 36,870 | 357,794 | 26,368 | 257,064 | 17,870 | 174,161 | 6,268 | 61,872 | | | |
| | Total | Crude oil equivalent kL | 28,399 | 1,100,739 | 13,066 | 506,442 | 33,978 | 1,316,973 | 1,448 | 56,117 | 13,655 | 529,261 | 14,325 | 555,230 | 9,661 | 374,475 | 7,588 | 294,091 | 2,534 | 98,232 | | | |
| Water usage | thousand m ³ | 789 | 242 | 954 | 15 | 203 | 73 | 121 | 62 | 71 | | | | | | | | | | | | | |
| OUTPUT | | | | | | | | | | | | | | | | | | | | | | | |
| CO ₂ emission | CO ₂ emissions from energy sources | tons CO _{2e} | 75,435 | 26,105 | 101,178 | 2,951 | 27,586 | 38,078 | 20,089 | 16,632 | 5,095 | | | | | | | | | | | | |
| Waste | Discharge amount | tons | 12,593 | 4,874 | 18,053 | 111 | 3,133 | 12,455 | 1,750 | 869 | 305 | | | | | | | | | | | | |
| | Recycling ratio | % | 99.9 | 99.9 | 99.7 | 99.7 | 99.97 | 99.97 | 99.8 | 98.0 | 99.2 | | | | | | | | | | | | |
| Exhaust gas ¹ | Main smoke and soot generating facilities ² | | Melting furnaces | | | Heating furnaces | | | Melting furnaces | | | Heating furnaces | | | Melting furnaces | | | Drying furnaces | | | Boilers | | |
| | SOx | Total emission control and K-value control: m ³ N/h | Control content | Control value | Measurement | Control content | Control value | Measurement | Control content | Control value | Measurement | Control content | Control value | Measurement | Control content | Control value | Measurement | Control content | Control value | Measurement | Control content | Control value | Measurement |
| | | | Use of town gas with zero sulfur content | | | | | | Total emission control | 39.8 | 6.9 | Use of town gas with zero sulfur content | | | | | | Total emission control | 2.859 | 0.510 | Use of town gas with zero sulfur content | | |
| | | | Use of town gas with zero sulfur content | | | | | | Total emission control | 26.7 | 3.6 | Use of town gas with zero sulfur content | | | | | | Total emission control | 1.177 | 0.110 | Use of town gas with zero sulfur content | | |
| | | | Use of town gas with zero sulfur content | | | | | | Concentration control | 0.1 | 0.002 | Use of town gas with zero sulfur content | | | | | | Concentration control | 0.1 | 0.005 | Use of town gas with zero sulfur content | | |
| NOx | Total emission control: m ³ N/h, Concentration control: ppm | Total emission control | 24.75 | 3.80 | Total emission control | 2.24 | 0.29 | Total emission control | 26.7 | 3.6 | Total emission control | 2.4 | 0.2 | Total emission control | 1.097 | 0.248 | Concentration control | | | 150 | 29 | | |
| | | Concentration control | 0.1 | 0.001 | Concentration control | 0.1 | 0.001 | Concentration control | 0.1 | 0.002 | Concentration control | 0.1 | 0.005 | Concentration control | 0.1 | 0.005 | Concentration control | | | 0.1 | 0.001 | | |
| Soot and dust | Concentration control: g/m ³ N | Concentration control | 0.1 | 0.001 | Concentration control | 0.1 | 0.001 | Concentration control | 0.1 | 0.002 | Concentration control | 0.1 | 0.005 | Concentration control | 0.1 | 0.005 | Concentration control | | | 0.1 | 0.001 | | |
| | | Concentration control | 0.1 | 0.001 | Concentration control | 0.1 | 0.001 | Concentration control | 0.1 | 0.002 | Concentration control | 0.1 | 0.005 | Concentration control | 0.1 | 0.005 | Concentration control | | | 0.1 | 0.001 | | |
| Water discharge | thousand m ³ | 1,121 | 242 | 1,289 | 33 | 222 | 42 | 99 | 17 | 109 | | | | | | | | | | | | | |
| Drainage ³ | Public water areas | pH | Minimum value, Maximum value | 5.8~8.6 | 6.9, 7.8 | — | — | 5.0~9.0 | 6.6, 7.8 | 5.0~9.0 | 6.9, 7.7 | 5.8~8.6 | 6.6, 7.5 | — | — | — | — | 5.8~8.6 | 6.7, 8.1 | 5.8~8.6 | 7.3, 7.8 | | |
| | | BOD | mg/L | 30 | 6 | — | — | — | — | — | — | 25 | 8 | — | — | — | — | 30 | 13 | 25 | 8 | | |
| | | COD | mg/L | 20 | 5 | — | — | 20 | 4 | 60 | 25 | 25 | 7 | — | — | — | — | 30 | 16 | — | — | | |
| | | Nitrogen | mg/L | 120 | 9 | — | — | 20 | 3 | 70 | 14 | 120 | 4 | — | — | — | — | 120 | 36 | — | — | | |
| | | Phosphorus | mg/L | 16 | 0.3 | — | — | 2 | 0.04 | 7 | 2 | 16 | ND | — | — | — | — | 16 | 4 | — | — | | |
| | | Hexavalent chromium | mg/L | 0.35 | 0.02 | — | — | 0.05 | 0.02 | — | — | 0.05 | ND | — | — | — | — | 0.5 | ND | — | — | | |
| | | Lead | mg/L | 0.1 | 0.01 | — | — | 0.1 | 0.01 | — | — | 0.01 | ND | — | — | — | — | 0.1 | ND | — | — | | |
| | | COD, total emission control | kg/day | 97.44 | 13.76 | — | — | 110.5 | 19.2 | 4 | 1 | 37.59 | 2.55 | — | — | — | — | 3.3 | 0.9 | — | — | | |
| | | Nitrogen, total emission control | kg/day | 40.51 | 26.44 | — | — | 114.7 | 10.3 | 2,865 | 0.570 | 38.30 | 3.17 | — | — | — | — | 13.2 | 2.3 | — | — | | |
| | | Phosphorus, total emission control | kg/day | 1.424 | 1.157 | — | — | 11.65 | 0.18 | 0.391 | 0.072 | 4.41 | 0.24 | — | — | — | — | 1.76 | 0.24 | — | — | | |
| | | Sewerage lines | pH | Minimum value, Maximum value | 5.7~8.7 | 6.8, 8.2 | 5.7~8.7 | 6.6, 7.8 | — | — | — | — | — | — | 5.0~9.0 | 6.9, 7.8 | 5.0~9.0 | 6.5, 7.4 | — | — | — | — | |
| | | | BOD | mg/L | 300 | 43 | 300 | 7 | — | — | — | — | — | — | 600 | 3 | 600 | 85 | — | — | — | — | |
| | | | COD | mg/L | — | — | — | — | — | — | — | — | — | — | — | — | — | 100 | — | — | — | — | |
| | | | SS | mg/L | 300 | 3 | 300 | 22 | — | — | — | — | — | — | 600 | 10 | 600 | 30 | — | — | — | — | |
| VOC emission | tons | 112 | — | 172 | — | 5 | — | 5 | 0.5 | 14 | | | | | | | | | | | | | |

| Business site | | Tsukuba Plant ⁴ | Kyuhoji Business Center ⁴ | Shiga Plant | | | | | | |
|--------------------------|--|--|--|------------------------------|-------------|-----------------------|---------------|-----------------|----------|---|
| INPUT | | | | | | | | | | |
| Energy | Fossil fuel | Crude oil equivalent kL | 6,061 | 234,913 | 248 | 9,614 | 579 | 22,450 | | |
| | Purchased electricity | MWh | 45,683 | 445,559 | 2,117 | 20,786 | 3,233 | 32,069 | | |
| | Total | Crude oil equivalent kL | 17,556 | 680,472 | 784 | 30,400 | 1,407 | 54,519 | | |
| Water usage | thousand m ³ | 182 | 11 | 67 | | | | | | |
| OUTPUT | | | | | | | | | | |
| CO ₂ emission | CO ₂ emissions from energy sources | tons CO _{2e} | 36,088 | 1,616 | 2,694 | | | | | |
| Waste | Discharge amount | tons | 2,713 | 85 | 192 | | | | | |
| | Recycling ratio | % | 99.8 | 99.2 | 97.2 | | | | | |
| Exhaust gas ¹ | Main smoke and soot generating facilities ² | | Boilers | | | Boilers | | | | |
| | SOx | Total emission control and K-value control: m ³ N/h | Control content | Control value | Measurement | Control content | Control value | Measurement | | |
| | | | Use of town gas with zero sulfur content | | | | | | | |
| | | | Concentration control | 230 | 100 | Concentration control | — | 28 ⁵ | | |
| Soot and dust | Concentration control: g/m ³ N | Concentration control | 0.25 | 0.01 | — | — | — | | | |
| Water discharge | thousand m ³ | 287 | 10 | 23 | | | | | | |
| Drainage ³ | Public water areas | pH | Minimum value, Maximum value | 5.8~8.6 | 7.4, 7.8 | — | — | 6.0~8.5 | 7.5, 7.9 | |
| | | BOD | mg/L | 10 | 6 | — | — | 30 | 1 | |
| | | COD | mg/L | 20 | 12 | — | — | 30 | 3 | |
| | | Nitrogen | mg/L | 60 | 15 | — | — | 12 | 1 | |
| | | Phosphorus | mg/L | 8 | 2 | — | — | 1.2 | 0.1 | |
| | | Hexavalent chromium | mg/L | 0.5 | ND | — | — | 0.05 | ND | |
| | | Lead | mg/L | 0.1 | ND | — | — | 0.1 | ND | |
| | | COD, total emission control | kg/day | — | — | — | — | — | — | |
| | | Nitrogen, total emission control | kg/day | — | — | — | — | — | — | |
| | | Phosphorus, total emission control | kg/day | — | — | — | — | — | — | |
| | | Sewerage lines | pH | Minimum value, Maximum value | — | — | 5.7~8.7 | 6.9, 7.6 | — | — |
| | | | BOD | mg/L | — | — | 300 | 3 | — | — |
| | | | COD | mg/L | — | — | — | — | — | — |
| | | | SS | mg/L | — | — | 300 | 3 | — | — |
| VOC emission | tons | 116 | — | 28 | | | | | | |

*1 Total emission control: Control value (including agreed value) by plant or facility and the measurement value. K-value control and concentration control: Control value (including agreed value) of major smoke and soot generating facilities and the measurement value (maximum value).

*2 Smoke and soot generating facilities: Those subject to the laws concerning emissions into the atmosphere.

*3 Total emission control: Control value (including agreed value) by plant and the measurement value. Concentration control: Control value (including agreed value) by plant and the measurement value (pH shows the minimum value and maximum value, other items show the maximum value).

*4 Includes Group company data within the same site.

*5 This old-type boiler is not applied to the Japanese laws. However we are obligated by the administration to measure its NOx emission.

KUBOTA Group Production Sites Data (results from January to December 2016)

Data on KUBOTA Group production sites in Japan

| Business site | | Kubota-ChemiX (Sakai) | Kubota-ChemiX (Odawara) | Kubota-ChemiX (Tochigi) | KUBOTA Air Conditioner (Tochigi) | KUBOTA Precision Machinery | Nippon Plastic Industry | Kyushu KUBOTA Chemical | | | | | | | | | | | |
|--------------------------|--|------------------------------------|---|---|---|--|-------------------------|------------------------|---|---|---|-------------------|-----------------|------------------------|------------------|-------------------|-----------------|------------------------|--|
| INPUT | | | | | | | | | | | | | | | | | | | |
| Energy | Fossil fuel | Crude oil equivalent kL | 102 | 3,970 | 101 | 3,926 | 27 | 1,036 | 261 | 10,123 | 683 | 26,455 | 128 | 4,965 | 2 | 69 | | | |
| | Purchased electricity | MWh | 13,729 | 133,993 | 27,625 | 267,609 | 21,298 | 205,228 | 2,766 | 27,189 | 13,042 | 126,693 | 14,594 | 141,399 | 6,820 | 65,672 | | | |
| | Total | Crude oil equivalent kL | 3,559 | 137,964 | 7,006 | 271,535 | 5,322 | 206,264 | 963 | 37,312 | 3,980 | 153,147 | 3,776 | 146,364 | 1,696 | 65,741 | | | |
| Water usage | thousand m ³ | 17 | 31 | 280 | 76 | 17 | 136 | 5 | | | | | | | | | | | |
| OUTPUT | | | | | | | | | | | | | | | | | | | |
| CO ₂ emission | CO ₂ emissions from energy sources | tons CO _{2e} | 6,008 | 14,020 | 10,716 | 1,892 | 8,063 | 7,362 | 3,476 | | | | | | | | | | |
| Waste | Discharge amount | tons | 94 | 66 | 123 | 137 | 430 | 18 | 9 | | | | | | | | | | |
| | Recycling ratio | % | 99.8 | 99.8 | 99.96 | 99.9 | 99.9 | 99.2 | 99.9 | | | | | | | | | | |
| Exhaust gas ¹ | Main smoke and soot generating facilities ² | | No smoke and soot generating facilities | No smoke and soot generating facilities | No smoke and soot generating facilities | Drying furnaces | | | No smoke and soot generating facilities | No smoke and soot generating facilities | No smoke and soot generating facilities | | | | | | | | |
| | Unit | | | | | Control content | Control value | Measurement | | | | | | | | | | | |
| | SOx | K-value control | | | | Use of town gas with zero sulfur content | | | | | | | | | | | | | |
| | NOx | Concentration control: ppm | | | | Concentration control | 230 | Less than 5 | | | | | | | | | | | |
| Soot and dust | Concentration control: g/m ³ N | Concentration control | 0.2 | Less than 0.005 | | | | | | | | | | | | | | | |
| Water discharge | thousand m ³ | 17 | 10 | 280 | 76 | 10 | 136 | 2 | | | | | | | | | | | |
| Drainage ³ | Public water areas | pH | Unit: Minimum value, Maximum value | Control value: 5.8~8.6 | Measurement: 7.0 | Control value: 5.8~8.6 | Measurement: 7.4, 8.4 | Control value: 5.8~8.6 | Measurement: 8.1, 8.3 | Control value: 5.8~8.6 | Measurement: 7.2, 7.6 | Control value: -- | Measurement: -- | Control value: 5.8~8.6 | Measurement: 7.7 | Control value: -- | Measurement: -- | | |
| | | BOD | mg/L | 25 | 2 | 60 | 2 | 20 | 4 | 30 | 4 | -- | -- | 160 | 4 | -- | -- | | |
| | | COD | mg/L | 25 | 4 | 60 | 3 | -- | -- | -- | -- | -- | -- | 160 | 2 | -- | -- | | |
| | | Nitrogen | mg/L | 60 | -- | 120 | 1 | 60 | 1 | -- | -- | -- | -- | -- | -- | -- | -- | | |
| | | Phosphorus | mg/L | 8 | -- | 16 | 0.1 | 1 | 0.1 | -- | -- | -- | -- | -- | -- | -- | -- | | |
| | | Hexavalent chromium | mg/L | 0.5 | -- | 0.5 | 0.1 | 0.1 | 0.02 | 0.1 | ND | -- | -- | -- | -- | -- | -- | | |
| | | Lead | mg/L | 0.1 | 0.02 | 0.1 | 0.02 | 0.1 | 0.01 | 0.1 | ND | -- | -- | 0.1 | 0.02 | -- | -- | | |
| | | COD, total emission control | kg/day | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | | |
| | | Nitrogen, total emission control | kg/day | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | | |
| | | Phosphorus, total emission control | kg/day | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | | |
| | | Sewerage lines | pH | Unit: Minimum value, Maximum value | -- | -- | -- | -- | -- | -- | -- | -- | -- | 5.0~9.0 | 6.9, 8.5 | -- | -- | No specific facilities | |
| | | | BOD | mg/L | -- | -- | -- | -- | -- | -- | -- | -- | -- | 600 | 540 | -- | -- | | |
| | | | COD | mg/L | -- | -- | -- | -- | -- | -- | -- | -- | -- | 600 | 230 | -- | -- | | |
| | SS | | mg/L | -- | -- | -- | -- | -- | -- | -- | -- | -- | 600 | 82 | -- | -- | | | |
| VOC emission | tons | 0.1 | -- | -- | -- | -- | 9 | -- | -- | -- | -- | -- | -- | -- | -- | -- | | | |

Data on KUBOTA Group Overseas production sites

| Region | | North America | | | | | | Europe | | | | | | | | | | | | |
|--------------------------|--|---|---|-------------------------------------|--------------------------|----------------------------------|---|---|---|---|---|---|---|-------------------|------------------------|-------------------|----------------------------|--------|------------------------|-----------------------|
| Business site | | Kubota Manufacturing of America Corporation | Kubota Industrial Equipment Corporation | Kubota Materials Canada Corporation | Kubota Baumaschinen GmbH | Kubota Farm Machinery Europe SAS | Kverneland Group Operations Norway AS | Kverneland Group Soest GmbH | Kverneland Group Nieuw-Venep B.V. | | | | | | | | | | | |
| INPUT | | | | | | | | | | | | | | | | | | | | |
| Energy | Fossil fuel | Crude oil equivalent kL | 4,389 | 170,132 | 3,219 | 124,776 | 3,775 | 146,304 | 733 | 28,405 | 364 | 14,104 | 1,992 | 77,206 | 540 | 20,926 | 810 | 31,386 | | |
| | Purchased electricity | MWh | 25,524 | 254,474 | 29,197 | 291,095 | 19,024 | 189,672 | 3,124 | 31,142 | 1,944 | 19,383 | 31,892 | 317,959 | 2,864 | 28,556 | 2,320 | 23,131 | | |
| | Total | Crude oil equivalent kL | 10,955 | 424,606 | 10,729 | 415,871 | 8,668 | 335,976 | 1,536 | 59,547 | 864 | 33,487 | 10,195 | 395,165 | 1,277 | 49,482 | 1,407 | 54,517 | | |
| Water usage | thousand m ³ | 68 | 40 | 338 | 7 | 3 | 62 | 3 | 14 | | | | | | | | | | | |
| OUTPUT | | | | | | | | | | | | | | | | | | | | |
| CO ₂ emission | CO ₂ emissions from energy sources | tons CO _{2e} | 22,473 | 21,766 | 10,215 | 3,044 | 863 | 4,141 | 2,458 | 2,700 | | | | | | | | | | |
| Waste | Discharge amount | tons | 3,400 | 2,099 | 3,168 | 807 | 1,895 | 497 | 417 | 373 | | | | | | | | | | |
| | Recycling ratio | % | 95.0 | 93.3 | 91.8 | 97.9 | 91.4 | 100.0 | 90.9 | 94.1 | | | | | | | | | | |
| Exhaust gas ¹ | Main smoke and soot generating facilities ² | | No smoke and soot generating facilities | Heating furnaces | | | No smoke and soot generating facilities | No smoke and soot generating facilities | No smoke and soot generating facilities | No smoke and soot generating facilities | No smoke and soot generating facilities | No smoke and soot generating facilities | No smoke and soot generating facilities | | | | | | | |
| | Unit | | | Control content | Control value | Measurement | | | | | | | | | | | | | | |
| | SOx | - | | -- | -- | -- | | | | | | | | | | | | | | |
| | NOx | Concentration control: ppm | | (ppm) | 30 | 17 | | | | | | | | | | | | | | |
| Soot and dust | - | -- | -- | -- | | | | | | | | | | | | | | | | |
| Water discharge | thousand m ³ | 47 | 40 | 338 | 7 | 12 | 17 | 1 | 5 | | | | | | | | | | | |
| Drainage ³ | Public water areas | pH | Unit: Minimum value, Maximum value | Control value: -- | Measurement: -- | Control value: -- | Measurement: -- | Control value: -- | Measurement: -- | Control value: 5.5~8.5 | Measurement: 7.9 | Control value: -- | Measurement: -- | Control value: -- | Measurement: -- | Control value: -- | Measurement: -- | | | |
| | | BOD | mg/L | -- | -- | -- | -- | -- | -- | -- | 800 | 67 | -- | -- | -- | -- | -- | | | |
| | | COD | mg/L | -- | -- | -- | -- | -- | -- | -- | 600 | 604 | -- | -- | -- | -- | -- | | | |
| | | Nitrogen | mg/L | -- | -- | -- | -- | -- | -- | -- | 150 | 26 | -- | -- | -- | -- | -- | | | |
| | | Phosphorus | mg/L | -- | -- | -- | -- | -- | -- | -- | 50 | 2 | -- | -- | -- | -- | -- | | | |
| | | Hexavalent chromium | mg/L | -- | -- | -- | -- | -- | -- | -- | 0.1 | 0.07 | -- | -- | -- | -- | -- | | | |
| | | Lead | mg/L | -- | -- | -- | -- | -- | -- | -- | 0.5 | 0.02 | -- | -- | -- | -- | -- | | | |
| | | COD, total emission control | kg/day | -- | -- | -- | -- | -- | -- | -- | 3.6 | 3.6 | -- | -- | -- | -- | -- | | | |
| | | Nitrogen, total emission control | kg/day | -- | -- | -- | -- | -- | -- | -- | 0.9 | 0.2 | -- | -- | -- | -- | -- | | | |
| | | Phosphorus, total emission control | kg/day | -- | -- | -- | -- | -- | -- | -- | 0.3 | 0.01 | -- | -- | -- | -- | -- | | | |
| | | Sewerage lines | pH | Unit: Minimum value, Maximum value | Control value: 6.0~9.5 | Measurement: 6.7, 8.8 | Control value: 6.0~9.0 | Measurement: 6.8, 7.5 | Control value: 5.5~9.5 | Measurement: 8.0 | Control value: 6.5~9.0 | Measurement: 9.0 | Control value: 5.5~8.5 | Measurement: 7.8 | Control value: 6.2~9.5 | Measurement: 8.4 | Discharge to sewerage line | | Control value: 6.5~9.0 | Measurement: 6.8, 7.4 |
| | | | BOD | mg/L | 900 | 202 | 250 | 35 | 300 | ND | -- | -- | 30 | 3 | 30 | 10 | | | -- | -- |
| | | | COD | mg/L | -- | -- | -- | -- | -- | ND | 1,000 | 976 | 125 | 26 | -- | -- | | | -- | -- |
| | SS | | mg/L | 900 | 172 | 250 | 26 | 350 | ND | -- | -- | 35 | 6 | -- | -- | | | -- | -- | |
| VOC emission | tons | -- | -- | -- | -- | -- | 3 | -- | -- | 33 | 2 | -- | -- | -- | -- | -- | | | | |

*1 K-value control and concentration control: Control value (including agreed value) of major smoke and soot generating facilities and the measurement value (maximum value).

*2 Smoke and soot generating facilities: Those subject to the laws concerning emissions into the atmosphere.

*3 Total emission control: Control value (including agreed value) by plant and the measurement value. Concentration control: Control value (including agreed value) by plant and the measurement value (pH shows the minimum value and maximum value, other items show the maximum value).

KUBOTA Group Production Sites Data (results from January to December 2016)

Data on KUBOTA Group Overseas production sites(Continued from page 2/3)

| Region | | Europe, Russia | | | | | | | | Asia | | | | | | | | | | | | | |
|--------------------------|--|--|--|--|---|---------------------------------|---|--|---|--|---|--|-----------------|--------------------------------|------------------|--|-----------------------|--------------------|---|-----------------|-----------------------|-------------|----|
| Item | Business site | Kverneland Group Kerteminde AS | | Kverneland Group Les Landes Génusson SAS | | Kverneland Group Ravenna S.r.l. | | Kverneland Group Manufacturing Lipetsk | | Kubota Agricultural Machinery (SUZHOU) Co., Ltd. | | Kubota Construction Machinery (WUXI) Co., Ltd. | | Kubota Engine (WUXI) Co., Ltd. | | Kverneland Agricultural Equipment Daqing Ltd | | | | | | | |
| INPUT | | | | | | | | | | | | | | | | | | | | | | | |
| Energy | Fossil fuel | Crude oil equivalent kL | Volume of use | Heat conversion GJ | Volume of use | Heat conversion GJ | Volume of use | Heat conversion GJ | Volume of use | Heat conversion GJ | Volume of use | Heat conversion GJ | Volume of use | Heat conversion GJ | Volume of use | Heat conversion GJ | Volume of use | Heat conversion GJ | | | | | |
| | Purchased electricity | MWh | 4,871 | 48,569 | 715 | 7,124 | 1,488 | 14,832 | 111 | 1,105 | 14,508 | 144,644 | 2,358 | 23,512 | 3,580 | 35,695 | 128 | 1,279 | | | | | |
| | Total | Crude oil equivalent kL | 1,928 | 74,732 | 195 | 7,552 | 847 | 32,828 | 40 | 1,563 | 5,859 | 227,082 | 925 | 35,840 | 1,241 | 48,093 | 103 | 4,010 | | | | | |
| Water usage | thousand m ³ | 32 | | 2 | | 6 | | 0.4 | | 122 | | 8 | | 6 | | 0.3 | | | | | | | |
| OUTPUT | | | | | | | | | | | | | | | | | | | | | | | |
| CO ₂ emission | CO ₂ emissions from energy sources | tons CO _{2e} | 2,841 | | 58 | | 1,410 | | 73 | | 14,847 | | 2,278 | | 3,223 | | 227 | | | | | | |
| Waste | Discharge amount | tons | 511 | | 48 | | 183 | | 4 | | 1,086 | | 64 | | 131 | | - | | | | | | |
| | Recycling ratio | % | 95.8 | | 93.0 | | 66.0 | | 53.4 | | 98.7 | | 97.7 | | 84.6 | | - | | | | | | |
| Exhaust gas ¹ | Main smoke and soot generating facilities ² | | Unit | | No smoke and soot generating facilities | | No smoke and soot generating facilities | | No smoke and soot generating facilities | | No smoke and soot generating facilities | | Boilers | | Heating furnaces | | Engine test | | No smoke and soot generating facilities | | | | |
| | SOx | Concentration control: mg/m ³ | | | | | | | | | | | Control content | Control value | Measurement | Control content | Control value | Measurement | | Control content | Control value | Measurement | |
| | | NOx | Concentration control: mg/m ³ | | | | | | | | | | | Concentration control | 100 | 8 | Concentration control | 550 | | 1 | Concentration control | 550 | 2 |
| | | Soot and dust | Concentration control: mg/m ³ | | | | | | | | | | | Concentration control | 400 | 159 | Concentration control | 240 | | 30 | Concentration control | 240 | 12 |
| Water discharge | Public water areas | thousand m ³ | 32 | | 1 | | 6 | | 0.4 | | 73 | | 3 | | 16 | | 0.3 | | | | | | |
| | | | pH | Minimum value, Maximum value | - | | - | | - | | - | | - | | - | | - | | | | | | |
| | | | BOD | mg/L | - | | - | | - | | - | | - | | - | | - | | | | | | |
| | | | COD | mg/L | - | | - | | - | | - | | - | | - | | - | | | | | | |
| | | | Nitrogen | mg/L | - | | - | | - | | - | | - | | - | | - | | | | | | |
| | | | Phosphorus | mg/L | - | | - | | - | | - | | - | | - | | - | | | | | | |
| | | | Hexavalent chromium | mg/L | - | | - | | - | | - | | - | | - | | - | | | | | | |
| | | | Lead | mg/L | - | | - | | - | | - | | - | | - | | - | | | | | | |
| | | | COD, total emission control | kg/day | - | | - | | - | | - | | - | | - | | - | | | | | | |
| | | | Nitrogen, total emission control | kg/day | - | | - | | - | | - | | - | | - | | - | | | | | | |
| | | | Phosphorus, total emission control | kg/day | - | | - | | - | | - | | - | | - | | - | | | | | | |
| | | | Sewerage lines | pH | Minimum value, Maximum value | 6.5~9.5 | | 6.5, 9.0 | | 5.5~9.5 | | 7.0, 8.1 | | 6.5~9.5 | | 7.5, 8.6 | | 6.0~9.0 | | 7.7 | | 6.0~9.0 | |
| BOD | mg/L | - | | | | - | | - | | - | | - | | - | | - | | - | | - | | | |
| COD | mg/L | - | | | | - | | - | | - | | - | | - | | - | | - | | - | | | |
| SS | mg/L | - | | | | - | | - | | - | | - | | - | | - | | - | | - | | | |
| SS | mg/L | - | | | | - | | - | | - | | - | | - | | - | | - | | - | | | |
| VOC emission | tons | - | | 6 | | - | | - | | 6 | | 8 | | 3 | | - | | | | | | | |

| Region | | Asia | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------|--|---------------------------------------|--|------------------------------|------------------------------|--|-----------------------|-----------------------|-------------------|------------------------------|---------------|--------------------------|-----------------------|---------------------------------------|-----------------|----------------------|---------------|--------------------|----------------------|-----------------------------|---|-----|----------|---|
| Item | Business site | SIAM KUBOTA Corporation (Headquarter) | | | | SIAM KUBOTA Corporation (Amata Nakorn Plant) | | | | SIAM KUBOTA Metal Technology | | KUBOTA Engine (Thailand) | | Kubota Precision Machinery (Thailand) | | P.T.Kubota Indonesia | | P.T.Metec Semarang | | Kubota Saudi Arabia Company | | | | |
| INPUT | | | | | | | | | | | | | | | | | | | | | | | | |
| Energy | Fossil fuel | Crude oil equivalent kL | Volume of use | Heat conversion GJ | Volume of use | Heat conversion GJ | Volume of use | Heat conversion GJ | Volume of use | Heat conversion GJ | Volume of use | Heat conversion GJ | Volume of use | Heat conversion GJ | Volume of use | Heat conversion GJ | Volume of use | Heat conversion GJ | Volume of use | Heat conversion GJ | | | | |
| | Purchased electricity | MWh | 8,556 | 85,302 | 12,607 | 125,693 | 31,437 | 313,423 | 7,368 | 73,454 | 2,909 | 28,999 | 3,332 | 33,224 | 2,899 | 28,907 | 5,519 | 55,021 | | | | | | |
| | Total | Crude oil equivalent kL | 2,493 | 96,621 | 4,606 | 178,544 | 8,917 | 345,636 | 2,176 | 84,340 | 778 | 30,151 | 1,162 | 45,031 | 972 | 37,682 | 1,823 | 70,673 | | | | | | |
| Water usage | thousand m ³ | 62 | | | | 143 | | | | 43 | | 23 | | 12 | | 22 | | 25 | | 15 | | | | |
| OUTPUT | | | | | | | | | | | | | | | | | | | | | | | | |
| CO ₂ emission | CO ₂ emissions from energy sources | tons CO _{2e} | 5,192 | | | | 9,942 | | | | 18,626 | | 4,643 | | 1,622 | | 3,257 | | 2,662 | | 4,726 | | | |
| Waste | Discharge amount | tons | 244 | | | | 646 | | | | 15,944 | | 375 | | 214 | | 55 | | 319 | | 431 | | | |
| | Recycling ratio | % | 100.0 | | | | 99.95 | | | | 77.3 | | 89.5 | | 90.9 | | 81.9 | | 92.2 | | 7.9 | | | |
| Exhaust gas ¹ | Main smoke and soot generating facilities ² | | Unit | | QA test run | | Drying furnaces | | Electric Furnaces | | | Heating furnaces | | | Genset | | | Drying furnaces | | | No smoke and soot generating facilities | | | |
| | SOx | Concentration control: ppm | Control content | Control value | Measurement | Control content | Control value | Measurement | Control content | Control value | Measurement | Control content | Control value | Measurement | Control content | Control value | Measurement | Control content | Control value | Measurement | | | | |
| | | NOx | Concentration control: ppm | Concentration control | 475 | 0.1 | Concentration control | 60 | 4 | Concentration control | 500 | 1 | Concentration control | 950 | 2 | (mg/m ³) | 800 | 26 | (mg/m ³) | 800 | | 31 | | |
| | | Soot and dust | Concentration control: mg/m ³ | Concentration control | 100 | 1 | Concentration control | 200 | 16 | Concentration control | 180 | 4 | Concentration control | 200 | 7 | (mg/m ³) | 1,000 | 306 | (mg/m ³) | 1,000 | | 137 | | |
| Water discharge | Public water areas | thousand m ³ | 50 | | | | 91 | | | | - | | - | | 15 | | 19 | | 8 | | 15 | | | |
| | | | pH | Minimum value, Maximum value | 6.0~9.0 | | 7.3, 7.9 | | - | | - | | - | | - | | 6.0~9.0 | | 6.8, 8.2 | | 6.0~9.0 | | 7.6, 8.3 | |
| | | | BOD | mg/L | 225 | | 11 | | - | | - | | - | | - | | 50 | | 30 | | 50 | | 32 | |
| | | | COD | mg/L | 300 | | 40 | | - | | - | | - | | - | | 100 | | 82 | | 100 | | 64 | |
| | | | Nitrogen | mg/L | 50 | | 18 | | - | | - | | - | | - | | - | | - | | - | | - | |
| | | | Phosphorus | mg/L | - | | - | | - | | - | | - | | - | | - | | - | | - | | - | |
| | | | Hexavalent chromium | mg/L | - | | - | | - | | - | | - | | - | | - | | - | | - | | - | |
| | | | Lead | mg/L | - | | - | | - | | - | | - | | - | | - | | - | | - | | - | |
| | | | COD, total emission control | kg/day | - | | - | | - | | - | | - | | - | | - | | - | | - | | - | |
| | | | Nitrogen, total emission control | kg/day | - | | - | | - | | - | | - | | - | | - | | - | | - | | - | |
| | | | Phosphorus, total emission control | kg/day | - | | - | | - | | - | | - | | - | | - | | - | | - | | - | |
| | | | Sewerage lines | pH | Minimum value, Maximum value | 6.0~9.0 | | 5.4, 8.7 ⁴ | | 5.5~9.0 | | 7.3, 8.0 | | 5.5~9.0 | | 7.3, 7.9 | | - | | - | | - | | - |
| BOD | mg/L | 450 | | | | 660 ⁴ | | 500 | | 94 | | 500 | | 40 | | - | | - | | - | | | | |
| COD | mg/L | 650 | | | | 1,476 ⁴ | | 750 | | 218 | | 750 | | 127 | | - | | - | | - | | | | |
| SS | mg/L | 500 | | | | 370 | | 200 | | 153 | | 200 | | 33 | | - | | - | | - | | | | |
| SS | mg/L | - | | | | - | | - | | - | | - | | - | | - | | - | | - | | | | |
| VOC emission | tons | 40 | | | | 97 | | | | - | | 2 | | - | | 16 | | 29 | | - | | | | |

*1 Concentration control: Control value (including agreed value) of major smoke and soot generating facilities and the measurement value (maximum value).

*2 Smoke and soot generating facilities: Those subject to the laws concerning emissions into the atmosphere.

*3 Total emission control: Control value (including agreed value) by plant and the measurement value. Concentration control: Control value (including agreed value) by plant and the measurement value (pH shows the minimum value and maximum value, other items show the maximum value).

*4 Post-treatment water quality temporarily exceeded regulated values, but the water was adjusted receiving government approval.