




## Technical Information Sheet

1. Name of technology	Industrial waste treatment system
2. Type of technology	Waste treatment, soil remediation, recycling, and environmental consulting for issues caused by inappropriate waste handling, including hazardous waste
3. Description of technology	<div data-bbox="416 351 901 383">1. Environment business in Thailand</div> <div data-bbox="416 398 815 430">[Characteristics of technology]</div> <div data-bbox="445 445 1458 748"> <ul style="list-style-type: none"> <li>• Non-hazardous waste incineration treatment plant (thermal recycling), which is the only plant in Thailand that is running without problems</li> <li>• Non-hazardous waste final disposal site</li> <li>• Pretreatment for cement kiln treatment of hazardous waste</li> <li>• Dismantlement and recycling of WEEE (such as waste PC and waste home appliances)</li> <li>• Compliance with international standards (ISO 14001 and ISO 9001)</li> <li>• Final disposal site in compliance with US-EPA standards</li> </ul> </div> <div data-bbox="416 766 655 795">[Type of business]</div> <div data-bbox="445 813 1430 1030"> <ul style="list-style-type: none"> <li>• Collection, transportation, intermediate treatment, and final disposal of industrial waste (hazardous/non-hazardous, solid/liquid)</li> <li>• Site services (waste management services at customer site)</li> <li>• Investigation and remediation of soil pollution</li> <li>• Environment-related information provision and consulting</li> </ul> </div> <div data-bbox="1195 853 1477 1057">  <div data-bbox="1299 1030 1374 1057">ESBEC</div> </div> <div data-bbox="416 1064 632 1095">[Delivery record]</div> <div data-bbox="445 1111 1166 1243"> <ul style="list-style-type: none"> <li>• Many dealings with petroleum gas-related companies and Japanese-affiliated companies</li> <li>• Quantity of waste accepted in FY2010: Approx. 400,000 tons</li> </ul> </div> <div data-bbox="1195 1061 1477 1265">  <div data-bbox="1308 1234 1370 1261">BPEC</div> </div> <div data-bbox="416 1261 751 1290">[Price and other inquiries]</div> <div data-bbox="416 1308 1294 1366"> <p>Waste Management Siam TEL: +66-2-745-6926 FAX: +66-2-745-6928  E-mail: info@wms-thailand.com URL: www.wms-thailand.com</p> </div> <div data-bbox="416 1429 916 1460">2. Environment business in Indonesia</div> <div data-bbox="416 1476 815 1507">[Characteristics of technology]</div> <div data-bbox="445 1523 1466 1655"> <ul style="list-style-type: none"> <li>• The only hazardous waste final disposal site in Indonesia</li> <li>• Compliance with international standards (final disposal site in compliance with US-EPA standards, ISO14001, ISO17025, OHSAS18001, and Indonesian government-approved Environmental Laboratory)</li> </ul> </div> <div data-bbox="416 1673 655 1702">[Type of business]</div> <div data-bbox="445 1718 1430 1937"> <ul style="list-style-type: none"> <li>• Collection, transportation, intermediate treatment, and final disposal of industrial waste (hazardous/non-hazardous, solid/liquid)</li> <li>• Site services (waste management services at customer site)</li> <li>• Investigation and remediation of soil pollution</li> <li>• Environment-related information provision and consulting</li> </ul> </div> <div data-bbox="1096 1859 1484 2094">  <div data-bbox="1177 2063 1406 2089">PPLi (Bogor, Indonesia)</div> </div> <div data-bbox="416 1953 632 1984">[Delivery record]</div> <div data-bbox="445 2000 1035 2134"> <ul style="list-style-type: none"> <li>• Many dealings with petroleum gas-related companies and Japanese-affiliated companies</li> <li>• Quantity of waste accepted in FY2010: Approx. 150,000 tons</li> </ul> </div>

**[Price and other inquiries]**

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**3. Environment business in Singapore****[Characteristics of technology]**

- Incineration in rotary kiln and metal recycling
- Waste water treatment using biological and chemical processing
- Solvent recycling using distillation
- Pretreatment for final landfill treatment
- Compliance with international standards (ISO 14001)

**[Type of business]**

- General industrial waste treatment business (hazardous and non-hazardous industrial waste)
  - Incineration treatment
  - Waste water treatment
  - Stabilization treatment (pretreatment for landfill treatment)
  - Solvent recycling
  - Site Service
  - Waste collection and transportation
- Precious metal collection business (Au, Ag, Cu, Ni, etc.)

**[Delivery record]**

- Many dealings with Japanese-affiliated companies, western companies, local companies, and education institutions
- Quantity of waste accepted in FY2010: Approx. 22,000 tons

**[Price and other inquiries]**

<Waste Treatment and Recycle>

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<Precious metal recycle>

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<b>4. Classification of technology</b>	
(1) Applicable fields	Industrial waste treatment, Hazardous waste treatment, Final disposal, Collection, transportation, and storage, Recycling (material/thermal/chemical), Survey/assessment
(2) Target waste	Paper/cardboard, Waste plastic, Plastic bottles, Glass bottles, Steel cans, Aluminum cans, Styrene foam, Food waste/raw garbage, Construction waste, Electric home appliances, Fluorescent tubes, Electronic products, Cellular phones, Automobiles, Dry cell/lead batteries, Waste tires, Medical waste, Waste oil, Other (general industrial waste including sludge, waste water, and waste solvents)
(3) Services provided	Waste treatment service, Technical cooperation/licensing, Consulting, Other (polluted soil investigations/remediation)
<b>5. Countries to which this technology can be provided</b>	Thailand, Indonesia, Singapore
<b>6. Keywords</b>	Incineration, landfill, thermal recycling, WEEE, precious metal recycling, B3 (hazardous) waste, only hazardous waste final disposal site in Indonesia, consistent support, asbestos, soil remediation, waste treatment, waste water, sludge, waste solvent, chemicals, lab waste, solvent recycling, metal recycling, hazardous, non-hazardous, environmental consulting, compliance

**7. Contact  
information**

**[Thailand]**

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**[Indonesia]**

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**[Singapore]**

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