Technical Information Sheet

1. Name of technology	Solidification of sludge, burned residue, and dust eluted from heavy metals as concrete
2. Type of technology	Sludge, burned residue, and dust eluted from heavy metals are insolubilized and stabilized using cement and chemicals so that they can be managed final disposal sites and then landfilled.
3. Description of technology	
Objective, application, characteristics, delivery record, and price of technology	**[Objective and application of the technology]** Sludge, burned residue, and dust eluted from heavy metals are insolubilized and stabilized using cement and chemicals so that they can be managed final disposal sites and then landfilled. **[Characteristics of the technology]** Waste is mixed well with cement, water, and chemicals (the appropriate chemicals are selected according to the heavy metal from which sludge, burned residues, and dust are to be eluted) by using a mixer and is then cured for a few days to stop the elution of the heavy metals. **[Delivery record]** Specially controlled industrial material: 1,000 tons per month (solidification into concrete) Ordinary industrial waste: 300 tons per month (solidification into concrete) **[Price]** Individually calculated based on the properties of the waste and the heavy metal elution value. **[Contact]** Keiji Mori, Sales Department Contact: TEL: 0467-75-1044 FAX: 0467-75-1217 URL: http://www.eco-max.co.jp E-mail: keiji-mori@eco-max.co.jp
4. Classification of technology	
(1) Applicable fields	Industrial waste treatment, Hazardous waste treatment, Collection, transportation, and storage
(2) Target waste	Fluorescent tubes, Other
(3) Services provided	Waste treatment service
5. Countries to which this technology can be provided	Under examination
6. Keywords	Environmental preservation, specially controlled industrial waste, heavy metal, dioxin, concrete solidification, sludge, burned sludge, dust
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