Non-conduit Heat Distribution Using Waste Heat from a Sewage Sludge Incinerator

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Abstract
This paper describes Non-conduit Heat Distribution Using Waste Heat from a Sewage Sludge Incinerator at Kiyose WWTP. We incinerate sewage sludge in order to reduce quantity of sludge. Recently new system which can utilize medium temperature waste heat of incinerator has been developed. In this system, waste heat is stored into a Phase Change Material (PCM) and transported to a public institution that needs the heat by a truck. This system will lead to more contribution to the reduction of greenhouse gas and mitigation of global warming.

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