

# Accepted Manuscript

Title: Determination of optimum insulation thickness for environmental impact reduction of pipe insulation

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PII: S1359-4311(16)30301-5

DOI: <http://dx.doi.org/doi: 10.1016/j.applthermaleng.2016.03.010>

Reference: ATE 7877

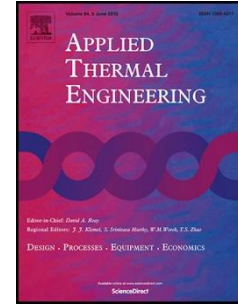
To appear in: *Applied Thermal Engineering*

Received date: 2-11-2015

Accepted date: 4-3-2016

Please cite this article as: Yusuf Başıođul, Cihan Demircan, Ali Keęebaş, Determination of optimum insulation thickness for environmental impact reduction of pipe insulation, *Applied Thermal Engineering* (2016), <http://dx.doi.org/doi: 10.1016/j.applthermaleng.2016.03.010>.

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# Determination of optimum insulation thickness for environmental impact reduction of pipe insulation

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## Research Highlights

- Determining optimum insulation thickness (OIT) of a pipe using LCA analysis for the first time.
- Comprising the LCC analysis to evaluate accuracy of the LCA analysis in pipe insulation.
- The OIT of the LCA analysis are overestimated by up to eight fold from that of the LCC
- The LCC analysis should be supported with the LCA analysis for environmental impact reduction.

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