

## Thermo-hydrodynamic design of fluidized bed combustors

Deskripsi Lengkap: <https://lib.ui.ac.id/detail?id=20418278&lokasi=lokal>

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### Abstrak

Thermo-hydrodynamic design of fluidized bed combustors : estimating metal wastage is a unique volume that finds that the most sensitive parameters affecting metal wastage are superficial fluidizing velocity, particle diameter, and particle sphericity. Gross consistencies between disparate data sources using different techniques were found when the erosion rates are compared on the same basis using the concept of renormalization. The simplified mechanistic models and correlations, when validated, can be used to renormalize any experimental data so they can be compared on a consistent basis using a master equation.