


Submission Metadata

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| Country | – |
| Bio Statement | – |

Principal contact for editorial correspondence.

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Title and Abstract

| | |
|----------|---|
| Title | Simulasi aliran dua fase pada campuran air-minyak di pipa horizontal dengan parameter termal |
| Abstract | <i>A CFD study of Water-Oil flow in the horizontal pipe was conducted using the VoF multiphase model coupled with the SST turbulence model scheme. This study aimed to simulate the mixture flow characteristic by takes account temperature parameter. It was numerically solved using a finite-volume model utilized in Fluent software. The simulation results compared towards experimental showed good prediction on the particular flow pattern. In this study, the thermal parameter was then solved by utilizing energy equation coupled by multiphase model. The water flow temperatures were varied in ranged of 300-340K. The results showed that temperature affected reducing the viscosity of the fluid as well ass the density. Furthermore, the flow pattern changed whereby oil was above the water due to its viscosity and density. This study is beneficial for accessing the temperature effect on the water-oil flow as represented in the applied petroleum industry of oil-lifting.</i> |

Editor/Author Correspondence

Editor

2020-07-24 01:07
PM

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<https://ejournals.itda.ac.id/index.php/angkasa/author/deleteComment/726/572>

Subject: [Angkasa]

Seluruh nama author yang ada pada artikel, dimasukan dalam metadata, edit metadata pada bagian summary.

Angkasa

<http://ejournals.stta.ac.id/index.php/angkasa>

Editor

2020-08-06 11:24
AM

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<https://ejournals.itda.ac.id/index.php/angkasa/author/deleteComment/726/586>

Subject: [Angkasa] Editor Decision

Bahrul Jalaali:

We have reached a decision regarding your submission to Angkasa: Jurnal Ilmiah Bidang Teknologi, "The Alternative Binary Geothermal Power-Plant Design to Utilize the Waste Heat in Lahendong Plant".

Our decision is: Revisions Required

Hero Wintolo

Sekolah Tinggi Teknologi Adisutjipto Yogyakarta

herowintolo@stta.ac.id

Reviewer A:

Relevance and Timeliness: Rate the importance and timeliness of the topic addressed in the paper within its area of research.

:

Good

Technical content and scientific rigour. Rate the technical content of the paper (e.g.: completeness of the analysis or simulation study,

thoroughness of the treatise, accuracy of the models, etc.), its soundness and scientific rigour

:

Solid work of notable importance.

Novelty and originality. Rate the novelty and originality of the ideas or results presented in the paper.

:

Some interesting ideas and results on a subject well investigated.

Quality of presentation: Rate the paper organization, the clearness of text and figures, the completeness and accuracy of references.

:

Readable, but revision is needed in some parts.

Detailed Comments: Please elaborate your recommendation and suggest improvements in technical content:

1. Several writing mistakes are found. This though may not significantly affect the contents of this manuscript, author is encouraged to recheck and revise the writing mistakes.
2. Table 6, as stated in the last paragraph of Section 3, is not found.
3. Authors should be more careful when displaying some specific numbers in the conclusions. For example, the exergy efficiency of 34% is abruptly appeared in the conclusions and abstract without sufficient explanation in the section of discussion. Additional explanations concerning important calculations and their results are strongly needed.

Recommendation: How do you rate your recommendation?

:

Accepted with minor revisions

Angkasa

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Editor

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2020-08-14 01:25 PM Subject: [Angkasa] Editor Decision
Bahrul Jalaali:

We have reached a decision regarding your submission to Angkasa: Jurnal Ilmiah Bidang Teknologi, "The Alternative Binary Geothermal Power-Plant Design to Utilize the Waste Heat in Lahendong Plant".

Our decision is to: Accept Submission, and we will publish it in volume 12 number 2 in 2020

Hero Wintolo
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Angkasa
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Editor

2020-08-24 11:00 AM

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Subject: [Angkasa] Editor Decision

Bahrul Jalaali:

Mohon untuk memperbaiki susunan author pada bagian meta data agar sesuai dengan artikel yang dikirimkan. Dan berserta email ini kami sertakan hasil pengecekan plagiasi menggunakan turnitin. Demikian yang saya sampaikan agar menjadi perhatian.

Hero Wintolo
Sekolah Tinggi Teknologi Adisutjipto Yogyakarta

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