Gmail

Mr.C.Gnanavel Vels University <gnanavel.se@velsuniv.ac.in>

STUDY ON EFFECT OF GEOMETRY ON DRAWING FORMING OF INNER GROOVED COPPER TUBE (Review Request: BMS-CMS-2023-18)

1 message

Peer Review Service <manuscript@bentham-peer-review-service-022.net> 4 May 2023 at 03:06
To: gnanavel.se@velsuniv.ac.in

Reference #: BMS-CMS-2023-18

Dear Dr. Gnanavel C.,

Considering your work in the field, your name has been recommended as a potential reviewer for the journal **"CURRENT MATERIALS SCIENCE"**. You are requested to first assess the below abstract to see if it fulfills the category as per your expertise. Secondly, if it is relevant to your field, then please let us know your willingness to review the complete manuscript.

To maintain the quality of the manuscript, you will also be requested to review the revised version, to ensure that your suggestions have been duly incorporated.

Abstract of the article:

Title: STUDY ON EFFECT OF GEOMETRY ON DRAWING FORMING OF INNER GROOVED COPPER TUBE

Abstract: Background: In recent years, inner grooved copper tubes, especially tubes with thin and high teeth, have been widely used in heat exchange plates due to their excellent heat transfer enhancement. Methods: In this paper, the tensile test and finite element analysis are used to study the stress and strain of eco-green copper tubes of different sizes in the drawing process and the metal morphology after a fracture. Results: The results show that copper tubes are most easily broken where the force is greatest. Copper tubes are most easily broken where the force is greatest. Conclusion: When the copper tube is broken, the tooth break before the tube wall, and the tooth shape will be slightly distorted. This paper provides useful guidance for more accurate control of eco-green copper tube drawing process in the future.

If you provide a detailed review report on the manuscript within 10 days, then you will be entitled to:

1. **100 points, that can be used for buying any Bentham Science content or availing any service within the next 12 months.**
2. **A certificate for reviewing the manuscript will be issued to you after completing the review.**

In addition to carrying out this review, we would also like to propose your name, as a reviewer, to be included in the Reviewers' Panel of this journal, and other relevant journals of your field.

- To **confirm your agreement to review** the entire manuscript, kindly click the following link: https://bentham-peer-review-service-022.net/agree-to-review.php?au=3333568&Camp=4016

- If **you are unable or unwilling to review**, please click the following link: https://bentham-peer-review-service-022.net/review-request-declined.php?au=3333568&Camp=4016

I would appreciate it if you could kindly respond to this message at your earliest since we are endeavoring to provide an efficient review process for our authors. We would request that you send your comments and recommendations, if any, back to us as soon as possible.

Should you not want to receive any further emails, please click the following link:
https://bentham-peer-review-service-022.net/unsubscriber.php?au=3333568

Also, in reply to this email please provide any other email address that you might be using, to ensure that you do not receive any further emails.

With kind regards,

Sincerely,

MAHMOOD ALAM
Editorial Director
CURRENT MATERIALS SCIENCE