

The Effect Of Geometric On Buckling Strength Of Rectangular Hollow Pipe Under Pure Bending

Hartono Yudo



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**Review Report**

Date: 03-Nov-2017

Title: THE EFFECT OF GEOMETRIC ON BUCKLING STRENGTH OF RECTANGULAR HOLLOW PIPE UNDER PURE BENDING

Authors: Hartono Yudo, Wilma Amiruddin and Sarjito Jokosisworo

Evaluation	Poor	Fair	Good	Very Good	Outstanding
Originality					√
Innovation					√
Technical merit					√
Applicability					√
Presentation and English				√	
Match to Journal Topic					√
<b>Recommendation to Chief Editors</b>					
	Strongly Reject	Reject	Marginally Accept	Accept	Strongly Accept
Recommendation					√
<p><b>Review Comments:</b> In this research, the bending moment was given at both end of pipe. It is known that strength of buckling moment can be reduced by increasing the length of the pipe. The rectangular pipe models are varying from <math>a/b = 0,125; 0,25; 0,5; 1; 2; 4; a/t = 10, 15</math> and <math>L/a = 10, 15, 20</math>. The finite elements method was used to analysis of buckling strength. The buckling strength will increase with decreasing <math>a/b</math>. The deformation at mid span will be shown. The buckling strength will decrease with increasing of <math>a/t</math> and <math>L/a</math>. <b>Excellent analysis paper. Paper Accepted for publication in IJCIET.</b></p>					



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### Official Acceptance of Research Paper

Paper ID: IJCIET/08/11/2017/IJCIET\_17562

Date: 03-Nov-2017

Dear Hartono Yudo, Wilma Amiruddin and Sarjito Jokosisworo

We would like to inform you that your paper titled **“THE EFFECT OF GEOMETRIC ON BUCKLING STRENGTH OF RECTANGULAR HOLLOW PIPE UNDER PURE BENDING”** has been accepted for publication in **International Journal of Civil Engineering & Technology (IJCIET)**, Volume 08, Issue 11, (Nov 2017) issue of the journal based on the Recommendation of the Editorial Board without any major corrections in the content submitted by the researcher.

This letter is the official confirmation of acceptance of your research paper.

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Your research paper will be appearing in IJCIET, Volume 8, Issue 11, Nov 2017.

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